# *New*

# AMERICAN RADIATOR PRODUCTS

*January 1928*

AMERICAN RADIATOR COMPANY

# *New*
# AMERICAN RADIATOR PRODUCTS

The Greatest Line of
Heating Equipment
in the World at
*New Low Prices*

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JANUARY 1928

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AMERICAN RADIATOR COMPANY

# INDEX

# Foreword

NEW!... It's the voice of our age—the demand of the people for better and more beautiful things. When that demand shall cease, so shall progress.

In answer to that demand the American Radiator Company is now privileged to present a line of new products which, we feel confident, will become cornerstones for future development in their fields. They are not new in the sense of differing radically from what has gone before. They are the perfected products of our long years of experience and scientific research.

And of utmost importance, the prices of these new products are such as to bring them within the reach of the great majority of home owners. Straight line production at our Boiler Plants has enabled us to produce, at extremely low costs, a completely equipped *square* sectional boiler of exceptional heating and fuel saving qualities, so that it can be sold at virtually the same price as the present unequipped round and square boilers.

New manufacturing methods have enabled us to produce all sizes of radiators at greatly reduced figures, and at almost the same low costs for all sizes. This should give a great impetus to the sale of the low height radiators, whose popularity has been steadily growing from year to year.

Volume production on our new automatic storage water heaters has enabled us to place on the market the most highly perfected products of their kind at prices lower than those of any other completely equipped automatic storage heater manufactured.

New, additional sizes of the Ideal Vecto Heater still further broaden the market for this wonderful Heater and offer a still greater opportunity to heating merchants for increased business.

We sincerely hope that our endeavors will be accepted as a continued manifestation of our earnest desire to serve the interests of our great industry and the welfare of its every individual member.

*Faithfully yours,*

AMERICAN RADIATOR COMPANY

# *New* AMERICAN

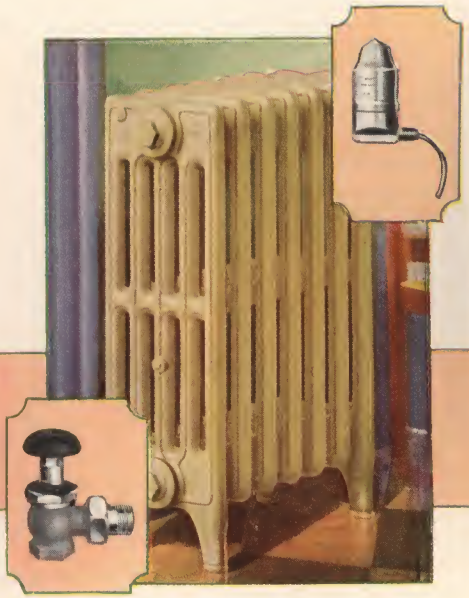
Complete With All Accessories
For Every Heating Need
and at NEW LOW PRICES

PATENTS PENDING

*New*

**IDEAL RED JACKET BOILER**

Complete in Every Respect for Every Size of Building



PATENTED

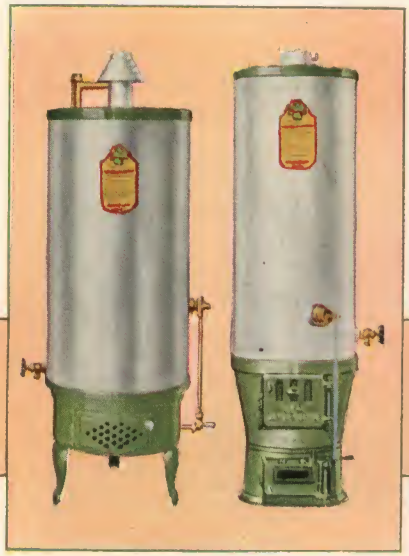
*New*

**MORE BEAUTIFUL CORTO**

The "American" Radiator Classic with "American" Precision Accessories

# RADIATOR PRODUCTS

Meeting the New Demands of Our Day for Products of the Utmost Mechanical Perfection and Beauty



PATENTS PENDING

*New*

**IDEAL WATER HEATERS**

With Porcelain Enamel Top and Base For Gas and Coal

PATENTS PENDING

*New*

**IDEAL VECTO HEATER**

Porcelain Enamel Walnut Grained Finish. 3 Sizes—Heating 2 to 8 Rooms

# IDEAL RED JACKET BOILER

## *First Completely Equipped, Metal-Covered, Porcelain Enamel Finished Boiler*

## AT NEW LOW PRICES

*For hard or soft coal, coke, oil or gas*

HERE is the greatest line of heating boilers in the world. That statement may be made without hesitancy or qualification. The Ideal Red Jacket Boiler brings something new and highly desirable to home owners, and a new opportunity for heating merchants to render more and better service. It is unquestionably the most important development of a generation in the heating industry and one of the most noteworthy contributions which the American Radiator Company has had the privilege of offering to the heating profession.

1. Perfected Design—Long Double Flue, Highly Efficient
2. Completely Equipped with Mechanical Regulation and All Accessories
3. Jacketed and Thoroughly Insulated
4. Of Enduring Beauty—All Doors Porcelain Enameled

*Yet it costs no more than ordinary equipment*

No. 1. Ideal Red Jacket Boiler

No. 2. Ideal Red Jacket Boiler

No. 3. Ideal Red Jacket Boiler

THE new Ideal Red Jacket Boiler has been developed to meet the new demands of our day. It has been entirely appropriate that the various improvements made heretofore in boilers have been fundamentally along the lines of operating economy and utter reliability. It was so with the automobile. The primary purpose of a boiler is heating, just as the primary purpose of the automobile is transportation. But the time has come when the people expect and demand, not only a high degree of mechanical perfection in the products that they buy—but products which are beautiful as well.

## *Beauty and High Efficiency—Combined*

The American Radiator Company has frankly faced these facts. With forty years of designing and manufacturing experience as a background, and having developed the several types of Ideal boilers to the highest degree of practical operating efficiency, we sought to incorporate in one boiler every desirable feature and to add, if possible, new features of utility and beauty. The new Ideal Red Jacket Boiler represents the culmination of our efforts. It is the finest combination of efficiency and beauty that has ever been developed and brought within the reach of the average home owner.

**No. 4. Ideal Red Jacket Boiler**

**No. 5. Ideal Red Jacket Boiler**


PATENTS PENDING

## *Sectional Design—Long Double Flue*

THE Ideal Red Jacket Boiler is made in sectional design with long double flue gallery through which the gases of combustion must travel before escaping—a distance twice the boiler's length—which is not possible in the usual type of boiler. As a result of its long flue travel and carefully balanced design, the Ideal Red Jacket Boiler attains a very high efficiency. It has an unusually quick pick-up heating capacity, insuring quick heating and abundant warmth on cold winter mornings. Its design is carefully calculated so that the boiler functions with exceptionally high efficiency while performing at the rates at which it is called upon to operate during the major part of the heating season. Interposed between the beautiful and indestructible cabinet exterior and the boiler is a one-inch, corrugated, air-cell asbestos lining, to prevent radiation heat-loss. The boiler is completely equipped with mechanical regulation and all accessories.

REAR VIEW

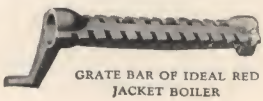
Note, also, the two-way smokehood, allowing vertical or horizontal chimney connection, thus permitting close connections and a considerable saving in floor space. The smokehood is equipped with both choke and check dampers. And the well designed grates, with reinforced trussed construction and well-proportioned teeth and openings permit the use of small-sized coal, such as buckwheat and pea; the openings being carefully calculated to provide a large percentage of free area so that an adequate supply of air may pass through and allow rapid, uniform and complete combustion. The top surfaces of the grates are angular in form, effecting an easy grinding of clinkers when the grates are shaken—thus greatly facilitating care-taking. Every feature in this new boiler has been studiously developed in the minutest detail to insure quick heating response, high operating efficiency, and easy care-taking.

CLOSE-UP OF TWO-WAY SMOKE-HOOD FULLY EQUIPPED WITH DAMPERS

## *Transforms the Cellar into a Really Useful Place*

It is stated by the Architectural Forum that over three billion dollars is invested in cellar space in America's homes; and that about three hundred million dollars is spent annually on cellar construction. Most of this space is at present wasted—due largely to the unsightliness of the old-fashioned heating plant.

Through its cleanliness and great beauty, the Ideal Red Jacket Boiler solves this entire problem and allows the house-owner to convert his cellar into a really useful, livable place. In accomplishing this, it opens to heating merchants a new, almost unlimited opportunity for replacement business. The metal jacket of the boiler is finished in a beautiful, lustrous red baked enamel; all doors are finished in black porcelain enamel. The beauty of the boiler is permanent.



GRATE BAR OF IDEAL RED JACKET BOILER

# SPECIAL SMOKELESS BOILER

*Burns Soft Coal Smokelessly*

IDEAL RED JACKET BOILER FOR SOFT COAL

THE Ideal Red Jacket Boiler (sizes 2, 3, 4 and 5) is available also with the famous Ideal Smoke Oxidizer for the burning of any grade of soft coal. The operation of this simple, perfected device is explained below. It is water-backed throughout, and cannot burn out.

The Ideal Red Jacket Boiler for soft coal does not require any special degree of skilled attendance. It is easily fired and cared for, assuring satisfactory service with ordinary attention.

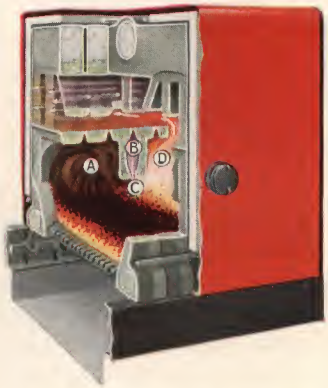
## *How the Ideal Smoke Oxidizer Operates*

**A** Black volatile matter from the soft coal, driven off by the heat of combustion, in which are suspended the countless smoke-making particles of carbon.

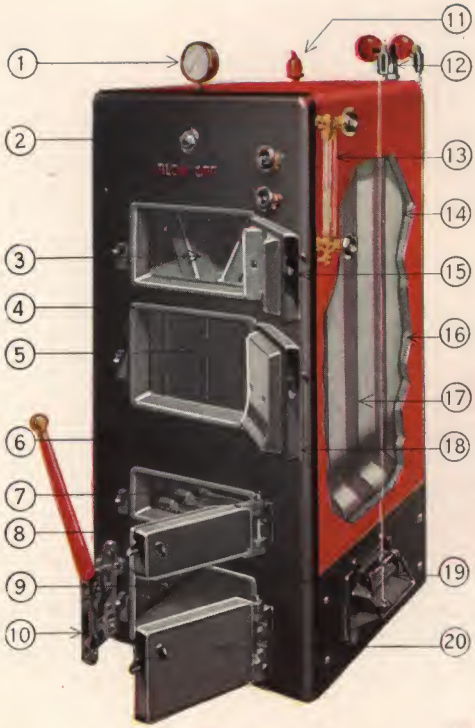
**B** Ideal Smoke Oxidizer—supplies the required amount of oxygen to the volatile matter in such a way as to effect a thorough, compressed and combustible mixture.

**C** Mixing channel—here the volatile matter and secondary air supply are thoroughly mixed and ignited.

**D** Secondary gas chamber into which the ignited mixture bursts with an intensely hot flame. In the heat of this flame the carbon particles are completely burned to the colorless gas, carbon dioxide $CO_2$. Thus smokeless performance is accomplished, and the latent heat of the smoke, instead of passing up the chimney, is utilized for practical service.




SECTIONAL VIEW OF IDEAL RED JACKET SMOKELESS BOILER




## SPECIFICATIONS

1 **Sensitive retard steam gauge.**

2 Blow-off conveniently located in front for cleaning.

3 Long, double gallery flue for hot gas travel secures high operating economy.

4 All contact-surfaces on doors and plate work ground to smooth finish for dust-proof construction.

5 Large, scientifically proportioned fuel chamber of abundant coal-carrying capacity for long firing periods and easy caretaking.

6 Jacket, indestructible sheet steel, baked enamel finish.

7 Special grates allow use of small size coal, such as Buckwheat and Pea. Triangular top construction grinds clinkers when grates are shaken, facilitating caretaking. Reinforced trussed construction.

8 Porcelain enamel finished doors of enduring lustre and beauty.

9 Ashpit of ample proportions for easy caretaking with cast iron base of strong, trussed construction.

10 Shaking mechanism, flexible, durable.

11 Safety valve.

12 New, sensitive Arco Regulation.

13 Water gauge glass with brass fittings, easily read.

14 Latest improved type air cell asbestos insulation permanently prevents radiation heat loss.

15 Flue door with curved baffle lining, insures easy gas travel with minimum draft.

16 Side metal jacket, indestructible and finished with beautiful red baked enamel.

17 New, sealed, seepage-proof construction between all sections.

18 Sturdy fire door with special baffle lining containing secondary air distributor.

19 Primary Draft Inlet.

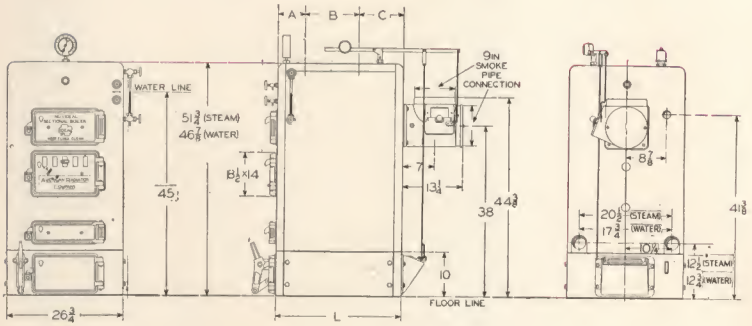
20 Note substantial construction of all doors, plate fittings, hinge pins, etc., all porcelain enamel finished, for permanent beauty.

# DATA and MEASUREMENTS

## No. 1 Ideal Red Jacket Boiler

### BURNS ALL FUELS

*Hard or Soft Coal, Coke, Oil or Gas*




STEAM

| No. of Boiler | Rating Steam Sq. Ft. | Grate Area Sq. Ft. | Fuel Cap. Lbs. | Outlets No. and Size | Inlets No. and Size | Chimney Size Ins. | Chimney Hgt. Feet | Dimensions, Ins., for Locating Flow Tappings A | B | C | L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-S-4 | 350 | 1.33 | 120 | 1–3″ | 2–2″ | 8 x 8 | 30 | 11½ | .... | 4½ | 16 |
| 1-S-5 | 500 | 1.79 | 160 | 2–3″ | 2–2″ | 8 x 8 | 30 | 15½ | .... | 4½ | 20 |
| 1-S-6 | 650 | 2.25 | 200 | 2–3″ | 2–2″ | 8 x 8 | 30 | 12 | 7½ | 4½ | 24 |
| 1-S-7 | 800 | 2.71 | 240 | 2–3″ | 2–2″ | 8 x 12 | 35 | 8 | 15½ | 4½ | 28 |
| 1-S-8 | 950 | 3.17 | 280 | 2–3″ | 2–2″ | 8 x 12 | 35 | 12 | 15½ | 4½ | 32 |
| 1-S-9 | 1100 | 3.63 | 320 | 2–3″ | 2–2″ | 8 x 12 | 35 | 16 | 15½ | 4½ | 36 |

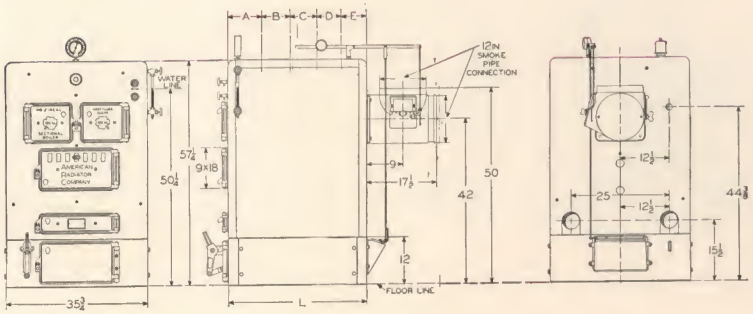
WATER

| No. of Boiler | Rating Water Sq. Ft. | Grate Area Sq. Ft. | Fuel Cap. Lbs. | Outlets No. and Size | Inlets No. and Size | Chimney Size Ins. | Chimney Hgt. Feet | Dimensions, Ins., for Locating Flow Tappings A | B | C | L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-W-4 | 600 | 1.33 | 120 | 1–3″ | 2–3″ | 8 x 8 | 30 | 11½ | .... | 4½ | 16 |
| 1-W-5 | 850 | 1.79 | 160 | 2–3″ | 2–3″ | 8 x 8 | 30 | 15½ | .... | 4½ | 20 |
| 1-W-6 | 1100 | 2.25 | 200 | 2–3″ | 2–3″ | 8 x 8 | 30 | 12 | 7½ | 4½ | 24 |
| 1-W-7 | 1350 | 2.71 | 240 | 2–3″ | 2–3″ | 8 x 12 | 35 | 8 | 15½ | 4½ | 28 |
| 1-W-8 | 1600 | 3.17 | 280 | 2–3″ | 2–3″ | 8 x 12 | 35 | 12 | 15½ | 4½ | 32 |
| 1-W-9 | 1850 | 3.63 | 320 | 2–3″ | 2–3″ | 8 x 12 | 35 | 16 | 15½ | 4½ | 36 |

# DATA and MEASUREMENTS

## No. 2 Ideal Red Jacket Boiler

### BURNS ALL FUELS




ANTHRACITE—STEAM

| Number of Boiler | Rating Steam Sq. Ft. | Grate Area Sq. Ft. | Fuel Capacity Lbs. | Outlets No. and Size | Inlets No. and Size | Chimney | | Dimensions—Inches For Locating Flow Tappings | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Size Inches | Height Feet | A | B | C | D | E | L |
| 2 S 5 | 1,050 | 3.50 | 320 | 2 3½″ | 2-4″ | 8x12 | 35 | 10 | 10 | .. | .. | 5 | 25 |
| 2 S 6 | 1,300 | 4.39 | 400 | 2-3½″ | 2 4″ | 12x12 | 35 | 15 | 10 | .. | .. | 5 | 30 |
| 2-S-7 | 1,550 | 5.28 | 480 | 2 3½″ | 2-4″ | 12x12 | 35 | 10 | 20 | .. | .. | 5 | 35 |
| 2-S-8 | 1,800 | 6.17 | 560 | 2 3½″ | 2 4″ | 12x12 | 40 | 15 | 20 | .. | .. | 5 | 40 |
| 2-S 9 | 2,050 | 7.06 | 640 | 2 3½″ | 2 4″ | 12x16 | 40 | 20 | 20 | .. | .. | 5 | 45 |
| 2-S-10 | 2,300 | 7.95 | 720 | 2 3½″ | 2 4″ | 12x16 | 45 | 15 | 30 | .. | .. | 5 | 50 |
| 2 S-11 | 2,550 | 8.84 | 800 | 3-3½″ | 2-4″ | 12x16 | 45 | 10 | 20 | 20 | .. | 5 | 55 |

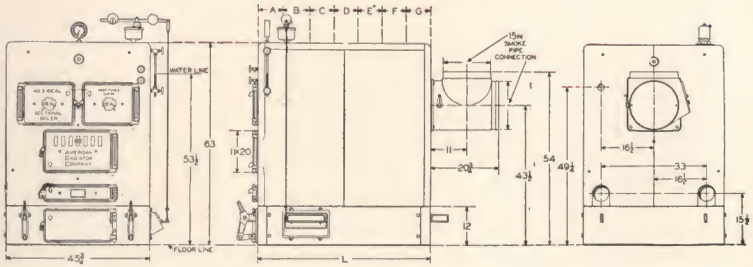
ANTHRACITE—WATER

| Number of Boiler | Rating Water Sq. Ft. | Grate Area Sq. Ft. | Fuel Capacity Lbs. | Outlets No. and Size | Inlets No. and Size | Chimney | | Dimensions—Inches For Locating Flow Tappings | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Size Inches | Height Feet | A | B | C | D | E | L |
| 2-W 5 | 1,800 | 3.50 | 320 | 2-3½″ | 2-4″ | 8x12 | 35 | 10 | 10 | .. | .. | 5 | 25 |
| 2-W 6 | 2,200 | 4.39 | 400 | 2-3½″ | 2-4″ | 12x12 | 35 | 15 | 10 | .. | .. | 5 | 30 |
| 2-W 7 | 2,600 | 5.28 | 480 | 2-3½″ | 2-4″ | 12x12 | 35 | 10 | 20 | .. | .. | 5 | 35 |
| 2-W-8 | 3,000 | 6.17 | 560 | 2-3½″ | 2-4″ | 12x12 | 40 | 15 | 20 | .. | .. | 5 | 40 |
| 2-W-9 | 3,400 | 7.06 | 640 | 2-3½″ | 2-4″ | 12x16 | 40 | 20 | 20 | .. | .. | 5 | 45 |
| 2-W-10 | 3,800 | 7.95 | 720 | 2-3½″ | 2-4″ | 12x16 | 45 | 15 | 30 | .. | .. | 5 | 50 |
| 2-W-11 | 4,200 | 8.84 | 800 | 3-3½″ | 2-4″ | 12x16 | 45 | 10 | 20 | 20 | .. | 5 | 55 |

# DATA and MEASUREMENTS

## No. 3 Ideal Red Jacket Boiler

### BURNS ALL FUELS




ANTHRACITE—STEAM

| Number of Boiler | Rating Steam Sq. Ft. | Grate Area Sq. Ft. | Fuel Capacity Lbs. | Outlets No. and Size | Inlets No. and Size | Chimney | | Dimensions—Inches For Locating Flow Tappings | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Size Inches | Height Feet | A | B | C | D | E | F | G | L |
| 3-S-6 | 2,500 | 6.65 | 590 | 2–3½″ | 2–5″ | 12 x 16 | 40 | 9 | 18 | . | . | . | . | 9 | 36 |
| 3-S-7 | 3,000 | 8.00 | 710 | 3–3½″ | 2–5″ | 16 x 16 | 45 | 9 | 12 | 12 | . | . | . | 9 | 42 |
| 3-S-8 | 3,500 | 9.35 | 830 | 3–3½″ | 2–5″ | 16 x 16 | 50 | 9 | 18 | 12 | . | . | . | 9 | 48 |
| 3-S-9 | 4,000 | 10.70 | 950 | 4–3½″ | 2–5″ | 16 x 20 | 50 | 9 | 12 | 12 | 12 | . | . | 9 | 54 |
| 3-S-10 | 4,500 | 12.05 | 1,070 | 4–3½″ | 2–5″ | 16 x 20 | 55 | 9 | 12 | 12 | 12 | . | . | 15 | 60 |
| 3-S-11 | 5,000 | 13.40 | 1,190 | 4–3½″ | 2–5″ | 20 x 20 | 60 | 9 | 12 | 18 | 18 | . | . | 9 | 66 |
| 3-S-12 | 5,500 | 14.75 | 1,310 | 5–3½″ | 2–5″ | 20 x 20 | 65 | 9 | 18 | 12 | 12 | 12 | . | 9 | 72 |
| 3-S-13 | 6,000 | 16.10 | 1,430 | 5–3½″ | 2–5″ | 20 x 20 | 65 | 9 | 18 | 18 | 12 | 12 | . | 9 | 78 |

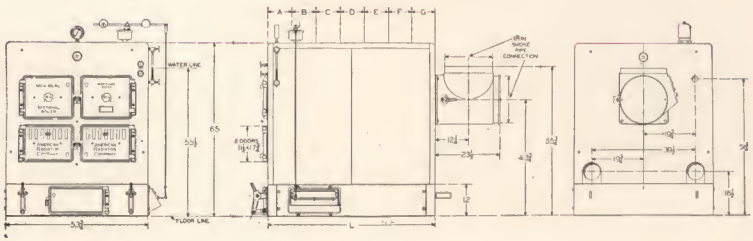
ANTHRACITE—WATER

| Number of Boiler | Rating Water Sq. Ft. | Grate Area Sq. Ft. | Fuel Capacity Lbs. | Outlets No. and Size | Inlets No. and Size | Chimney | | Dimensions—Inches For Locating Flow Tappings | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Size Inches | Height Feet | A | B | C | D | E | F | G | L |
| 3-W-6 | 4,200 | 6.65 | 590 | 2–3½″ | 2–5″ | 12 x 16 | 40 | 9 | 18 | . | . | . | . | 9 | 36 |
| 3-W-7 | 5,000 | 8.00 | 710 | 3–3½″ | 2–5″ | 16 x 16 | 45 | 9 | 12 | 12 | . | . | . | 9 | 42 |
| 3-W-8 | 5,800 | 9.35 | 830 | 3–3½″ | 2–5″ | 16 x 16 | 50 | 9 | 18 | 12 | . | . | . | 9 | 48 |
| 3-W-9 | 6,600 | 10.70 | 950 | 4–3½″ | 2–5″ | 16 x 20 | 50 | 9 | 12 | 12 | 12 | . | . | 9 | 54 |
| 3-W-10 | 7,400 | 12.05 | 1,070 | 4–3½″ | 2–5″ | 16 x 20 | 55 | 9 | 12 | 12 | 12 | . | . | 15 | 60 |
| 3-W-11 | 8,200 | 13.40 | 1,190 | 4–3½″ | 2–5″ | 20 x 20 | 60 | 9 | 12 | 18 | 18 | . | . | 9 | 66 |
| 3-W-12 | 9,000 | 14.75 | 1,310 | 5–3½″ | 2–5″ | 20 x 20 | 65 | 9 | 18 | 12 | 12 | 12 | . | 9 | 72 |
| 3-W-13 | 9,800 | 16.10 | 1,430 | 5–3½″ | 2–5″ | 20 x 20 | 65 | 9 | 18 | 18 | 12 | 12 | . | 9 | 78 |

# DATA and MEASUREMENTS

## No. 4 Ideal Red Jacket Boiler

### BURNS ALL FUELS




ANTHRACITE—STEAM

| Number of Boiler | Rating Steam Sq. Ft. | Grate Area Sq. Ft. | Fuel Capacity Lbs. | Outlets No. and Size | Inlets No. and Size | Chimney Size Inches | Chimney Height Feet | Dimensions—Inches For Locating Flow Tappings A | B | C | D | E | F | G | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-S-7 | 5,000 | 11.70 | 950 | 3–4″ | 2–6″ | 16 x 20 | 50 | 10½ | 14 | 14 | . . | . . | . . | 10½ | 49 |
| 4-S-8 | 5,750 | 13.68 | 1,110 | 3–4″ | 2–6″ | 20 x 20 | 55 | 10½ | 14 | 14 | . . | . . | . . | 17½ | 56 |
| 4-S-9 | 6,500 | 15.66 | 1,270 | 4–4″ | 2–6″ | 20 x 20 | 55 | 10½ | 14 | 14 | 14 | . . | . . | 10½ | 63 |
| 4-S-10 | 7,250 | 17.64 | 1,430 | 4–4″ | 2–6″ | 20 x 20 | 60 | 10½ | 14 | 14 | 14 | . . | . . | 17½ | 70 |
| 4-S-11 | 8,000 | 19.62 | 1,590 | 5–4″ | 2–6″ | 20 x 24 | 65 | 10½ | 14 | 14 | 14 | 14 | . . | 10½ | 77 |
| 4-S-12 | 8,750 | 21.60 | 1,750 | 5–4″ | 2–6″ | 20 x 24 | 70 | 10½ | 14 | 14 | 14 | 14 | . . | 17½ | 84 |
| 4-S-13 | 9,500 | 23.58 | 1,910 | 6–4″ | 2–6″ | 20 x 24 | 75 | 10½ | 14 | 14 | 14 | 14 | 14 | 10½ | 91 |

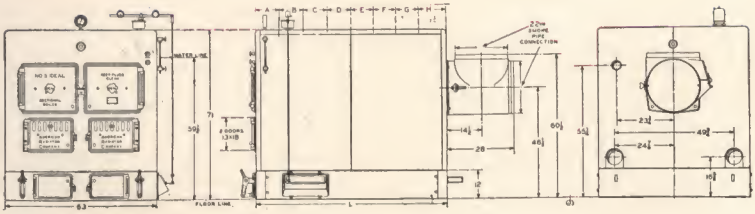
ANTHRACITE—WATER

| Number of Boiler | Rating Water Sq. Ft. | Grate Area Sq. Ft. | Fuel Capacity Lbs. | Outlets No and Size | Inlets No. and Size | Chimney Size Inches | Chimney Height Feet | Dimensions—Inches For Locating Flow Tappings A | B | C | D | E | F | G | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-W-7 | 8,500 | 11.70 | 950 | 3–4″ | 2–6″ | 16 x 20 | 50 | 10½ | 14 | 14 | . . | . . | . . | 10½ | 49 |
| 4-W-8 | 9,750 | 13.68 | 1,110 | 3–4″ | 2–6″ | 20 x 20 | 55 | 10½ | 14 | 14 | . . | . . | . . | 17½ | 56 |
| 4-W-9 | 11,000 | 15.66 | 1,270 | 4–4″ | 2–6″ | 20 x 20 | 55 | 10½ | 14 | 14 | 14 | . . | . . | 10½ | 63 |
| 4-W-10 | 12,250 | 17.64 | 1,430 | 4–4″ | 2–6″ | 20 x 20 | 60 | 10½ | 14 | 14 | 14 | . . | . . | 17½ | 70 |
| 4-W-11 | 13,500 | 19.62 | 1,590 | 5–4″ | 2–6″ | 20 x 24 | 65 | 10½ | 14 | 14 | 14 | 14 | . . | 10½ | 77 |
| 4-W-12 | 14,750 | 21.60 | 1,750 | 5–4″ | 2–6″ | 20 x 24 | 70 | 10½ | 14 | 14 | 14 | 14 | . . | 17½ | 84 |
| 4-W-13 | 16,000 | 23.58 | 1,910 | 6–4″ | 2–6″ | 20 x 24 | 75 | 10½ | 14 | 14 | 14 | 14 | 14 | 10½ | 91 |

# DATA and MEASUREMENTS

## No. 5 Ideal Red Jacket Boiler

### BURNS ALL FUELS



ANTHRACITE—STEAM

| Number of Boiler | Rating Steam Sq. Ft. | Grate Area Sq. Ft. | Fuel Capacity Lbs. | Outlets No. and Size | Inlets No. and Size | Chimney | | Dimensions—Inches For Locating Flow Tappings | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Size Inches | Height Feet | A | B | C | D | E | F | G | H | L |
| 5-S-8 | 8,000 | 18.83 | 1,281 | 3–5″ | 2–6″ | 24x28 | 70 | 12 | 24 | 16 | .. | .. | .. | .. | 12 | 64 |
| 5-S-9 | 9,100 | 21.52 | 1,464 | 4–5″ | 2–6″ | 24x28 | 75 | 12 | 16 | 16 | 16 | .. | .. | .. | 12 | 72 |
| 5-S-10 | 10,200 | 24.21 | 1,647 | 4–5″ | 2–6″ | 24x28 | 75 | 12 | 16 | 24 | 16 | .. | .. | .. | 12 | 80 |
| 5-S-11 | 11,300 | 26.90 | 1,830 | 5–5″ | 2–6″ | 24x28 | 80 | 12 | 16 | 16 | 16 | 16 | .. | .. | 12 | 88 |
| 5-S-12 | 12,400 | 21.52 | 1,464 | 5–5″ | 2–6″ | 24x28 | 85 | 12 | 16 | 16 | 16 | 16 | .. | .. | 20 | 96 |
| 5-S-13 | 13,500 | 24.21 | 1,647 | 5–5″ | 2–6″ | 30x36 | 85 | 12 | 16 | 24 | 16 | 24 | .. | .. | 12 | 104 |
| 5-S-14 | 14,600 | 24.21 | 1,647 | 6–5″ | 2–6″ | 30x36 | 90 | 12 | 16 | 16 | 24 | 16 | 16 | .. | 12 | 112 |
| 5-S-15 | 15,700 | 26.90 | 1,830 | 6–5″ | 2–6″ | 30x36 | 95 | 12 | 16 | 24 | 16 | 24 | 16 | .. | 12 | 120 |
| 5-S-16 | 16,800 | 26.90 | 1,830 | 7–5″ | 2–6″ | 30x36 | 100 | 12 | 16 | 16 | 16 | 16 | 16 | 16 | 20 | 128 |
| 5-S-17 | 17,900 | 26.90 | 1,830 | 7–5″ | 2–6″ | 30x36 | 105 | 12 | 16 | 24 | 16 | 24 | 16 | 16 | 12 | 136 |

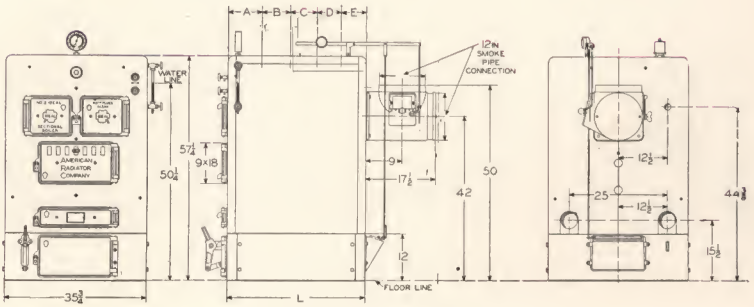
ANTHRACITE—WATER

| Number of Boiler | Rating Water Sq. Ft. | Grate Area Sq. Ft. | Fuel Capacity Lbs. | Outlets No. and Size | Inlets No. and Size | Chimney | | Dimensions—Inches For Locating Flow Tappings | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Size Inches | Height Feet | A | B | C | D | E | F | G | H | L |
| 5-W-8 | 13,200 | 18.83 | 1,281 | 3–5″ | 2–6″ | 24x28 | 70 | 12 | 24 | 16 | .. | .. | .. | .. | 12 | 64 |
| 5-W-9 | 15,000 | 21.52 | 1,464 | 4–5″ | 2–6″ | 24x28 | 75 | 12 | 16 | 16 | 16 | .. | .. | .. | 12 | 72 |
| 5-W-10 | 16,800 | 24.21 | 1,647 | 4–5″ | 2–6″ | 24x28 | 75 | 12 | 16 | 24 | 16 | .. | .. | .. | 12 | 80 |
| 5-W-11 | 18,600 | 26.90 | 1,830 | 5–5″ | 2–6″ | 24x28 | 80 | 12 | 16 | 16 | 16 | 16 | .. | .. | 12 | 88 |
| 5-W-12 | 20,400 | 21.52 | 1,464 | 5–5″ | 2–6″ | 24x28 | 85 | 12 | 16 | 16 | 16 | 16 | .. | .. | 20 | 96 |
| 5-W-13 | 22,200 | 24.21 | 1,647 | 5–5″ | 2–6″ | 30x36 | 85 | 12 | 16 | 24 | 16 | 24 | .. | .. | 12 | 104 |
| 5-W-14 | 24,000 | 24.21 | 1,647 | 6–5″ | 2–6″ | 30x36 | 90 | 12 | 16 | 16 | 24 | 16 | 16 | .. | 12 | 112 |
| 5-W-15 | 25,800 | 26.90 | 1,830 | 6–5″ | 2–6″ | 30x36 | 95 | 12 | 16 | 24 | 16 | 24 | 16 | .. | 12 | 120 |
| 5-W-16 | 27,600 | 26.90 | 1,830 | 7–5″ | 2–6″ | 30x36 | 100 | 12 | 16 | 16 | 16 | 16 | 16 | 16 | 20 | 128 |
| 5-W-17 | 29,400 | 26.90 | 1,830 | 7–5″ | 2–6″ | 30x36 | 105 | 12 | 16 | 24 | 16 | 24 | 16 | 16 | 12 | 136 |

# DATA and MEASUREMENTS

## No. 2 Ideal Red Jacket Boiler

## SPECIAL SMOKELESS BOILER




SMOKELESS—STEAM

| Number of Boiler | Rating Steam Sq. Ft. | Grate Area Sq. Ft. | Outlets No. and Size | Inlets No. and Size | Chimney | | Dimensions—Inches For Locating Flow Tappings | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Size Inches | Height Feet | A | B | C | D | E | L |
| 2-S-8-S | 1,800 | 6.17 | 2-3 ½″ | 2-4″ | 12 x 12 | 40 | 15 | 20 | .. | .. | 5 | 40 |
| 2-S-9-S | 2,050 | 7.06 | 2-3 ½″ | 2-4″ | 12 x 16 | 40 | 20 | 20 | .. | .. | 5 | 45 |
| 2-S-10-S | 2,300 | 7.95 | 2-3 ½″ | 2-4″ | 12 x 16 | 45 | 15 | 30 | .. | .. | 5 | 50 |
| 2-S-11-S | 2,550 | 8.84 | 3-3 ½″ | 2-4″ | 12 x 16 | 45 | 10 | 20 | 20 | .. | 5 | 55 |
| 2-S-12-S | 2,800 | 9.73 | 3-3 ½″ | 2-4″ | 12 x 16 | 50 | 15 | 30 | 10 | .. | 5 | 60 |
| 2-S-13-S | 3,050 | 10.62 | 4-3 ½″ | 2-4″ | 12 x 16 | 50 | 20 | 10 | 20 | 10 | 5 | 65 |

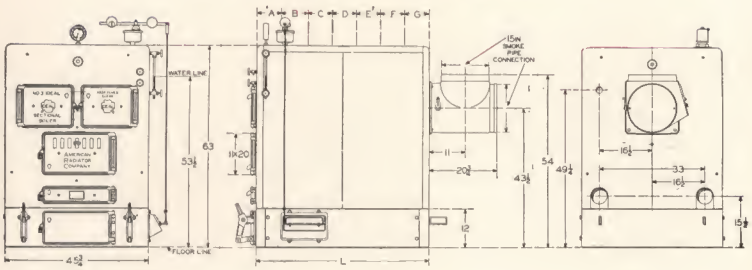
SMOKELESS—WATER

| Number of Boiler | Rating Water Sq. Ft. | Grate Area Sq. Ft. | Outlets No. and Size | Inlets No. and Size | Chimney | | Dimensions—Inches For Locating Flow Tappings | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Size Inches | Height Feet | A | B | C | D | E | L |
| 2-W-8-S | 3,000 | 6.17 | 2-3 ½″ | 2-4″ | 12 x 12 | 40 | 15 | 20 | .. | .. | 5 | 40 |
| 2-W-9-S | 3,400 | 7.06 | 2-3 ½″ | 2-4″ | 12 x 16 | 40 | 20 | 20 | .. | .. | 5 | 45 |
| 2-W-10-S | 3,800 | 7.95 | 2-3 ½″ | 2-4″ | 12 x 16 | 45 | 15 | 30 | .. | .. | 5 | 50 |
| 2-W-11-S | 4,200 | 8.84 | 3-3 ½″ | 2-4″ | 12 x 16 | 45 | 10 | 20 | 20 | .. | 5 | 55 |
| 2-W-12-S | 4,600 | 9.73 | 3-3 ½″ | 2-4″ | 12 x 16 | 50 | 15 | 30 | 10 | .. | 5 | 60 |
| 2-W-13-S | 5,000 | 10.62 | 4-3 ½″ | 2-4″ | 12 x 16 | 50 | 20 | 10 | 20 | 10 | 5 | 65 |

# DATA and MEASUREMENTS

## No. 3 Ideal Red Jacket Boiler

### SPECIAL SMOKELESS BOILER




SMOKELESS—STEAM

| Number of Boiler | Rating Steam Sq. Ft. | Grate Area Sq. Ft. | Outlets No. & Size | Inlets No. & Size | Chimney | | Dimensions—Inches For Locating Flow Tappings | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Size Inches | Hgt. Feet | A | B | C | D | E | F | G | L |
| 3-S-8-S | 3,500 | 9.35 | 3–3½″ | 2–5″ | 16 x 16 | 50 | 9 | 18 | 12 | .. | .. | .. | 9 | 48 |
| 3-S-9-S | 4,000 | 10.70 | 4–3½″ | 2–5″ | 16 x 20 | 50 | 9 | 12 | 12 | 12 | .. | .. | 9 | 54 |
| 3-S-10-S | 4,500 | 12.05 | 4–3½″ | 2–5″ | 16 x 20 | 55 | 9 | 12 | 12 | 12 | .. | .. | 15 | 60 |
| 3-S-11-S | 5,000 | 13.40 | 4–3½″ | 2–5″ | 20 x 20 | 60 | 9 | 12 | 18 | 18 | .. | .. | 9 | 66 |
| 3-S-12-S | 5,500 | 14.75 | 5–3½″ | 2–5″ | 20 x 20 | 65 | 9 | 18 | 12 | 12 | 12 | .. | 9 | 72 |
| 3-S-13-S | 6,000 | 16.10 | 5–3½″ | 2–5″ | 20 x 20 | 65 | 9 | 18 | 18 | 12 | 12 | .. | 9 | 78 |
| 3-S-14-S | 6,500 | 17.45 | 6–3½″ | 2–5″ | 20 x 20 | 70 | 9 | 12 | 12 | 18 | 12 | 12 | 9 | 84 |

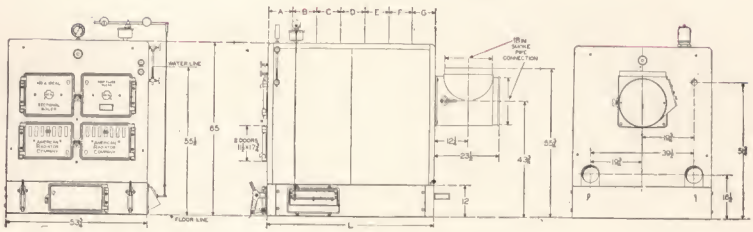
SMOKELESS—WATER

| Number of Boiler | Rating Water Sq. Ft. | Grate Area Sq. Ft. | Outlets No. & Size | Inlets No. & Size | Chimney | | Dimensions—Inches For Locating Flow Tappings | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Size Inches | Hgt. Feet | A | B | C | D | E | F | G | L |
| 3-W-8-S | 5,800 | 9.35 | 3–3½″ | 2–5″ | 16 x 16 | 50 | 9 | 18 | 12 | .. | .. | .. | 9 | 48 |
| 3-W-9-S | 6,600 | 10.70 | 4–3½″ | 2–5″ | 16 x 20 | 50 | 9 | 12 | 12 | 12 | .. | .. | 9 | 54 |
| 3-W-10-S | 7,400 | 12.05 | 4–3½″ | 2–5″ | 16 x 20 | 55 | 9 | 12 | 12 | 12 | .. | .. | 15 | 60 |
| 3-W-11-S | 8,200 | 13.40 | 4–3½″ | 2–5″ | 20 x 20 | 60 | 9 | 12 | 18 | 18 | .. | .. | 9 | 66 |
| 3-W-12-S | 9,000 | 14.75 | 5–3½″ | 2–5″ | 20 x 20 | 65 | 9 | 18 | 12 | 12 | 12 | .. | 9 | 72 |
| 3-W-13-S | 9,800 | 16.10 | 5–3½″ | 2–5″ | 20 x 20 | 65 | 9 | 18 | 18 | 12 | 12 | .. | 9 | 78 |
| 3-W-14-S | 10,600 | 17.45 | 6–3½″ | 2–5″ | 20 x 20 | 70 | 9 | 12 | 12 | 18 | 12 | 12 | 9 | 84 |

# DATA and MEASUREMENTS

## No. 4 Ideal Red Jacket Boiler

### SPECIAL SMOKELESS BOILER




SMOKELESS—STEAM

| Number of Boiler | Rating Steam Sq. Ft. | Grate Area Sq. Ft. | Outlets No. & Size | Inlets No. & Size | Chimney | | Dimensions—Inches For Locating Flow Tappings | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Size Inches | Hgt. Feet | A | B | C | D | E | F | G | L |
| 4-S-9-S | 6,500 | 15.66 | 4–4″ | 2–6″ | 20 x 20 | 55 | 10½ | 14 | 14 | 14 | .. | .. | 10½ | 63 |
| 4-S-10-S | 7,250 | 17.64 | 4–4″ | 2–6″ | 20 x 20 | 60 | 10½ | 14 | 14 | 14 | .. | .. | 17½ | 70 |
| 4-S-11-S | 8,000 | 19.62 | 5–4″ | 2–6″ | 20 x 24 | 65 | 10½ | 14 | 14 | 14 | 14 | .. | 10½ | 77 |
| 4-S-12-S | 8,750 | 21.60 | 5–4″ | 2–6″ | 20 x 24 | 70 | 10½ | 14 | 14 | 14 | 14 | .. | 17½ | 84 |
| 4-S-13-S | 9,500 | 23.58 | 6–4″ | 2–6″ | 20 x 24 | 75 | 10½ | 14 | 14 | 14 | 14 | 14 | 10½ | 91 |
| 4-S-14-S | 10,250 | 25.56 | 6–4″ | 2–6″ | 20 x 24 | 75 | 10½ | 14 | 14 | 14 | 14 | 14 | 17½ | 98 |

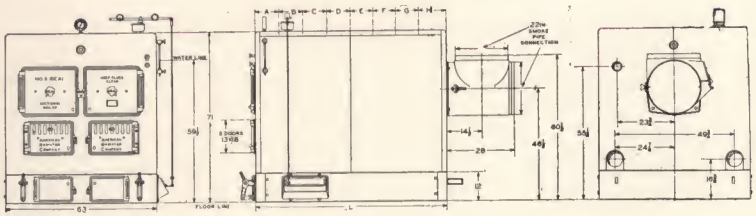
SMOKELESS—WATER

| Number of Boiler | Rating Water Sq. Ft. | Grate Area Sq. Ft. | Outlets No. & Size | Inlets No. & Size | Chimney | | Dimensions—Inches For Locating Flow Tappings | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Size Inches | Hgt. Feet | A | B | C | D | E | F | G | L |
| 4-W-9-S | 11,000 | 15.66 | 4–4″ | 2–6″ | 20 x 20 | 55 | 10½ | 14 | 14 | 14 | .. | .. | 10½ | 63 |
| 4-W-10-S | 12,250 | 17.64 | 4–4″ | 2–6″ | 20 x 20 | 60 | 10½ | 14 | 14 | 14 | .. | .. | 17½ | 70 |
| 4-W-11-S | 13,500 | 19.62 | 5–4″ | 2–6″ | 20 x 24 | 65 | 10½ | 14 | 14 | 14 | 14 | .. | 10½ | 77 |
| 4-W-12-S | 14,750 | 21.60 | 5–4″ | 2–6″ | 20 x 24 | 70 | 10½ | 14 | 14 | 14 | 14 | .. | 17½ | 84 |
| 4-W-13-S | 16,000 | 23.58 | 6–4″ | 2–6″ | 20 x 24 | 75 | 10½ | 14 | 14 | 14 | 14 | 14 | 10½ | 91 |
| 4-W-14-S | 17,250 | 25.56 | 6–4″ | 2–6″ | 20 x 24 | 75 | 10½ | 14 | 14 | 14 | 14 | 14 | 17½ | 98 |

# DATA and MEASUREMENTS

## No. 5 Ideal Red Jacket Boiler

### SPECIAL SMOKELESS BOILER



SMOKELESS—STEAM

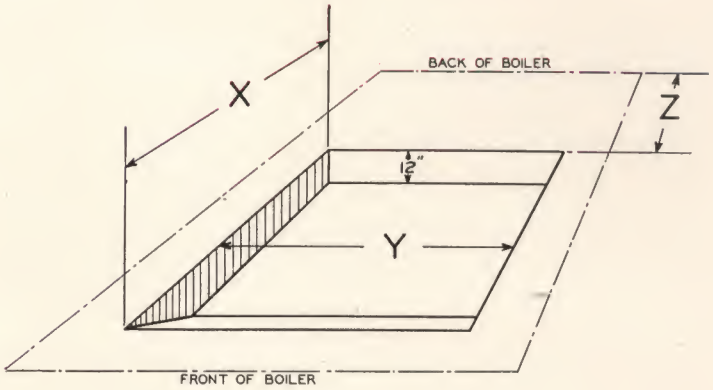
| Number of Boiler | Rating Steam Sq. Ft. | Grate Area Sq. Ft. | Outlets No. and Size | Inlets No. and Size | Chimney | | Dimensions—Inches For Locating Flow Tappings | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Size Inches | Height Feet | A | B | C | D | E | F | G | H | L |
| 5-S-9-S | 9,100 | 21.52 | 4–5″ | 2–6″ | 24 x 28 | 75 | 12 | 16 | 16 | 16 | .. | .. | .. | 12 | 72 |
| 5-S-10-S | 10,200 | 24.21 | 4–5″ | 2–6″ | 24 x 28 | 75 | 12 | 16 | 24 | 16 | .. | .. | .. | 12 | 80 |
| 5-S-11-S | 11,300 | 26.90 | 5–5″ | 2–6″ | 24 x 28 | 80 | 12 | 16 | 16 | 16 | 16 | .. | .. | 12 | 88 |
| 5-S-12-S | 12,400 | 21.52 | 5–5″ | 2–6″ | 24 x 28 | 85 | 12 | 16 | 16 | 16 | 16 | .. | .. | 20 | 96 |
| 5-S-13-S | 13,500 | 24.21 | 5–5″ | 2–6″ | 30 x 36 | 85 | 12 | 16 | 24 | 16 | 24 | .. | .. | 12 | 104 |
| 5-S-14-S | 14,600 | 24.21 | 6–5″ | 2–6″ | 30 x 36 | 90 | 12 | 16 | 16 | 24 | 16 | 16 | .. | 12 | 112 |
| 5-S-15-S | 15,700 | 26.90 | 6–5″ | 2–6″ | 30 x 36 | 95 | 12 | 16 | 24 | 16 | 24 | 16 | .. | 12 | 120 |
| 5-S-16-S | 16,800 | 26.90 | 7–5″ | 2–6″ | 30 x 36 | 100 | 12 | 16 | 16 | 16 | 16 | 16 | 16 | 20 | 128 |
| 5-S-17-S | 17,900 | 26.90 | 7–5″ | 2–6″ | 30 x 36 | 105 | 12 | 16 | 24 | 16 | 24 | 16 | 16 | 12 | 136 |

SMOKELESS—WATER

| Number of Boiler | Rating Water Sq. Ft. | Grate Area Sq. Ft. | Outlets No. and Size | Inlets No. and Size | Chimney | | Dimensions—Inches For Locating Flow Tappings | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Size Inches | Height Feet | A | B | C | D | E | F | G | H | L |
| 5-W-9-S | 15,000 | 21.52 | 4–5″ | 2–6″ | 24 x 28 | 75 | 12 | 16 | 16 | 16 | .. | .. | .. | 12 | 72 |
| 5-W-10-S | 16,800 | 24.21 | 4–5″ | 2–6″ | 24 x 28 | 75 | 12 | 16 | 24 | 16 | .. | .. | .. | 12 | 80 |
| 5-W-11-S | 18,600 | 26.90 | 5–5″ | 2–6″ | 24 x 28 | 80 | 12 | 16 | 16 | 16 | 16 | .. | .. | 12 | 88 |
| 5-W-12-S | 20,400 | 21.52 | 5–5″ | 2–6″ | 24 x 28 | 85 | 12 | 16 | 16 | 16 | 16 | .. | .. | 20 | 96 |
| 5-W-13-S | 22,200 | 24.21 | 5–5″ | 2–6″ | 30 x 36 | 85 | 12 | 16 | 24 | 16 | 24 | .. | .. | 12 | 104 |
| 5-W-14-S | 24,000 | 24.21 | 6–5″ | 2–6″ | 30 x 36 | 90 | 12 | 16 | 16 | 24 | 16 | 16 | .. | 12 | 112 |
| 5-W-15-S | 25,800 | 26.90 | 6–5″ | 2–6″ | 30 x 36 | 95 | 12 | 16 | 24 | 16 | 24 | 16 | .. | 12 | 120 |
| 5-W-16-S | 27,600 | 26.90 | 7–5″ | 2–6″ | 30 x 36 | 100 | 12 | 16 | 16 | 16 | 16 | 16 | 16 | 20 | 128 |
| 5-W-17-S | 29,400 | 26.90 | 7–5″ | 2–6″ | 30 x 36 | 105 | 12 | 16 | 24 | 16 | 24 | 16 | 16 | 12 | 136 |

# ASH PIT DIMENSIONS

## For Ideal Red Jacket Boilers




### No. 2 Ideal Red Jacket Boiler

| Number of Sections | Dimensions in Inches | | | |
|---|---|---|---|---|
| | Depth | "X" | "Y" | "Z" |
| 5 | 12 | 17 | 29 | 4 |
| 6 | 12 | 22 | 29 | 4 |
| 7 | 12 | 27 | 29 | 4 |
| 8 | 12 | 32 | 29 | 4 |
| 9 | 12 | 37 | 29 | 4 |
| 10 | 12 | 42 | 29 | 4 |
| 11 | 12 | 47 | 29 | 4 |
| 12 | 12 | 52 | 29 | 4 |
| 13 | 12 | 57 | 29 | 4 |

### No. 3 Ideal Red Jacket Boiler

| Number of Sections | Dimensions in Inches | | | |
|---|---|---|---|---|
| | Depth | "X" | "Y" | "Z" |
| 6 | 12 | 28 | 39 | 4 |
| 7 | 12 | 34 | 39 | 4 |
| 8 | 12 | 40 | 39 | 4 |
| 9 | 12 | 46 | 39 | 4 |
| 10 | 12 | 52 | 39 | 4 |
| 11 | 12 | 58 | 39 | 4 |
| 12 | 12 | 64 | 39 | 4 |
| 13 | 12 | 70 | 39 | 4 |
| 14 | 12 | 76 | 39 | 4 |

### No. 4 Ideal Red Jacket Boiler

| Number of Sections | Dimensions in Inches | | | |
|---|---|---|---|---|
| | Depth | "X" | "Y" | "Z" |
| 7 | 12 | 39 | 47 | 5 |
| 8 | 12 | 46 | 47 | 5 |
| 9 | 12 | 53 | 47 | 5 |
| 10 | 12 | 60 | 47 | 5 |
| 11 | 12 | 67 | 47 | 5 |
| 12 | 12 | 74 | 47 | 5 |
| 13 | 12 | 81 | 47 | 5 |
| 14 | 12 | 88 | 47 | 5 |

### No. 5 Ideal Red Jacket Boiler

| Number of Sections | Dimensions in Inches | | | |
|---|---|---|---|---|
| | Depth | "X" | "Y" | "Z" |
| 8 | 12 | 54 | 57 | 5 |
| 9 | 12 | 62 | 57 | 5 |
| 10 | 12 | 70 | 57 | 5 |
| 11 | 12 | 78 | 57 | 5 |
| 12 | 12 | 61 | 57 | 30 |
| 13 | 12 | 61 | 57 | 38 |
| 14 | 12 | 69 | 57 | 38 |
| 15 | 12 | 69 | 57 | 46 |
| 16 | 12 | 77 | 57 | 46 |
| 17 | 12 | 77 | 57 | 54 |

# CHIMNEY SIZES FOR IDEAL RED JACKET BOILERS

## No. 2 BOILER

| Boiler Number | One Boiler | | | Two Boilers | | | Three Boilers | | | Four Boilers | | | Five Boilers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rating Steam Sq. Ft. | Size Ins. | Ht. Feet | Rating Steam Sq. Ft. | Size Ins. | Ht. Feet | Rating Steam Sq. Ft. | Size Ins. | Ht. Feet | Rating Steam Sq. Ft. | Size Ins. | Ht. Feet | Rating Steam Sq. Ft. | Size Ins. | Ht. Feet |
| 2-S or W-5 | 1,050 | 8x12 | 35 | 2,100 | 12x16 | 40 | 3,150 | 12x16 | 40 | 4,200 | 16x20 | 45 | 5,250 | 16x20 | 45 |
| 2-S or W-6 | 1,300 | 12x12 | 35 | 2,600 | 12x16 | 40 | 3,900 | 16x20 | 40 | 5,200 | 16x20 | 45 | 6,500 | 20x20 | 45 |
| 2-S or W-7 | 1,550 | 12x12 | 35 | 3,100 | 12x16 | 40 | 4,650 | 16x20 | 45 | 6,200 | 16x20 | 50 | 7,750 | 20x20 | 50 |
| 2-S or W-8 | 1,800 | 12x12 | 40 | 3,600 | 16x20 | 45 | 5,400 | 16x20 | 45 | 7,200 | 16x20 | 50 | 9,000 | 20x20 | 50 |
| 2-S or W-9 | 2,050 | 12x16 | 40 | 4,100 | 16x20 | 45 | 6,150 | 20x20 | 45 | 8,200 | 20x20 | 50 | 10,250 | 20x20 | 55 |
| 2-S or W-10 | 2,300 | 12x16 | 45 | 4,600 | 16x20 | 45 | 6,900 | 20x20 | 50 | 9,200 | 20x20 | 55 | 11,500 | 20x24 | 55 |
| 2-S or W-11 | 2,550 | 12x16 | 45 | 5,100 | 20x20 | 50 | 7,650 | 20x20 | 50 | 10,200 | 20x20 | 55 | 12,750 | 20x24 | 60 |
| 2-S or W-12 | 2,800 | 12x16 | 50 | 5,600 | 20x20 | 50 | 8,400 | 20x20 | 55 | 11,200 | 20x20 | 55 | 14,000 | 20x24 | 60 |
| 2-S or W-13 | 3,050 | 12x16 | 50 | 6,100 | 20x20 | 55 | 9,150 | 20x20 | 55 | 12,200 | 20x20 | 60 | 15,250 | 20x24 | 65 |

## No. 3 BOILER

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3-S or W-6 | 2,500 | 12x16 | 40 | 5,000 | 16x20 | 40 | 7,500 | 20x20 | 45 | 10,000 | 20x24 | 50 | 12,500 | 20x24 | 55 |
| 3-S or W-7 | 3,000 | 16x16 | 45 | 6,000 | 16x20 | 45 | 9,000 | 20x20 | 50 | 12,000 | 20x24 | 50 | 15,000 | 20x24 | 55 |
| 3-S or W-8 | 3,500 | 16x16 | 50 | 7,000 | 20x20 | 50 | 10,500 | 20x20 | 55 | 14,000 | 20x24 | 55 | 17,500 | 20x24 | 60 |
| 3-S or W-9 | 4,000 | 16x20 | 50 | 8,000 | 20x20 | 55 | 12,000 | 20x24 | 55 | 16,000 | 20x24 | 60 | 20,000 | 20x24 | 60 |
| 3-S or W-10 | 4,500 | 16x20 | 55 | 9,000 | 20x24 | 55 | 13,500 | 20x24 | 60 | 18,000 | 24x28 | 60 | 22,500 | 24x28 | 65 |
| 3-S or W-11 | 5,000 | 20x20 | 55 | 10,000 | 20x24 | 60 | 15,000 | 24x28 | 60 | 20,000 | 24x28 | 65 | 25,000 | 24x28 | 70 |
| 3-S or W-12 | 5,500 | 20x20 | 60 | 11,000 | 20x24 | 65 | 16,500 | 24x28 | 65 | 22,000 | 24x28 | 70 | 27,500 | 24x28 | 75 |
| 3-S or W-13 | 6,000 | 20x20 | 60 | 12,000 | 24x28 | 65 | 18,000 | 24x28 | 65 | 24,000 | 24x28 | 70 | 30,000 | 24x28 | 75 |
| 3-S or W-14 | 6,500 | 20x20 | 65 | 13,000 | 24x28 | 70 | 19,500 | 24x28 | 70 | 26,000 | 24x28 | 75 | 32,500 | 24x28 | 80 |

## No. 4 BOILER

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4-S or W-7 | 5,000 | 16x20 | 55 | 10,000 | 20x24 | 60 | 15,000 | 24x28 | 65 | 20,000 | 24x28 | 70 | 25,000 | 24x28 | 75 |
| 4-S or W-8 | 5,750 | 20x20 | 55 | 11,500 | 20x24 | 60 | 17,250 | 24x28 | 65 | 23,000 | 24x28 | 70 | 28,750 | 30x36 | 75 |
| 4-S or W-9 | 6,500 | 20x20 | 60 | 13,000 | 20x24 | 65 | 19,500 | 24x28 | 70 | 26,000 | 30x36 | 75 | 32,500 | 30x36 | 80 |
| 4-S or W-10 | 7,250 | 20x20 | 60 | 14,500 | 20x24 | 65 | 21,750 | 24x28 | 70 | 29,000 | 30x36 | 75 | 36,250 | 30x36 | 80 |
| 4-S or W-11 | 8,000 | 20x24 | 65 | 16,000 | 20x24 | 70 | 24,000 | 24x28 | 75 | 32,000 | 30x36 | 80 | 40,000 | 36x36 | 85 |
| 4-S or W-12 | 8,750 | 20x24 | 70 | 17,500 | 24x28 | 75 | 25,250 | 24x28 | 80 | 35,000 | 30x36 | 85 | 43,750 | 36x36 | 90 |
| 4-S or W-13 | 9,500 | 20x24 | 75 | 19,000 | 24x28 | 80 | 28,500 | 24x28 | 85 | 38,000 | 36x36 | 90 | 47,500 | 36x36 | 95 |
| 4-S or W-14 | 10,250 | 20x24 | 80 | 20,500 | 24x28 | 85 | 30,750 | 24x28 | 90 | 41,000 | 36x36 | 95 | 51,250 | 36x36 | 100 |

## No. 5 BOILER

| Boiler Number | One Boiler | | | Two Boilers | | | Three Boilers | | | Four Boilers | | | Five Boilers | | | Six Boilers | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rating Steam Sq. Ft. | Size Ins. | Ht. Feet | Rating Steam Sq. Ft. | Size Ins. | Ht. Feet | Rating Steam Sq. Ft. | Size Ins. | Ht. Feet | Rating Steam Sq. Ft. | Size Ins. | Ht. Feet | Rating Steam Sq. Ft. | Size Ins. | Ht. Feet | Rating Steam Sq. Ft. | Size Ins. | Ht. Feet |
| 5-S or W-8 | 8,000 | 24x28 | 70 | 16,000 | 24x28 | 75 | 24,000 | 24x28 | 80 | 32,000 | 36x36 | 85 | 40,000 | 36x36 | 90 | 48,000 | 42x42 | 90 |
| 5-S or W-9 | 9,100 | 24x28 | 75 | 18,200 | 24x28 | 80 | 27,300 | 30x36 | 80 | 36,400 | 36x36 | 90 | 45,500 | 42x42 | 90 | 54,600 | 42x42 | 95 |
| 5-S or W-10 | 10,200 | 24x28 | 75 | 20,400 | 30x36 | 80 | 30,600 | 30x36 | 85 | 40,800 | 36x36 | 90 | 51,000 | 42x42 | 95 | 61,200 | 42x48 | 100 |
| 5-S or W-11 | 11,300 | 24x28 | 80 | 22,600 | 30x36 | 85 | 33,900 | 36x36 | 85 | 45,200 | 36x36 | 95 | 56,500 | 42x48 | 95 | 67,800 | 42x48 | 100 |
| 5-S or W-12 | 12,400 | 24x28 | 85 | 24,800 | 30x36 | 85 | 37,200 | 36x36 | 90 | 49,600 | 42x42 | 95 | 62,000 | 42x48 | 100 | 74,400 | 42x48 | 105 |
| 5-S or W-13 | 13,500 | 30x36 | 85 | 27,000 | 30x36 | 90 | 40,500 | 36x36 | 95 | 54,000 | 42x42 | 100 | 67,500 | 42x48 | 105 | 81,000 | 42x48 | 110 |
| 5-S or W-14 | 14,600 | 30x36 | 90 | 29,200 | 36x36 | 95 | 43,800 | 36x36 | 100 | 58,400 | 42x42 | 100 | 73,000 | 48x48 | 105 | 87,600 | 48x48 | 110 |
| 5-S or W-15 | 15,700 | 30x36 | 95 | 31,400 | 36x36 | 100 | 47,100 | 42x42 | 105 | 62,800 | 42x42 | 105 | 78,500 | 48x48 | 110 | 94,200 | 48x48 | 120 |
| 5-S or W-16 | 16,800 | 30x36 | 100 | 33,600 | 36x36 | 105 | 50,400 | 42x42 | 110 | 67,200 | 42x48 | 110 | 84,000 | 48x54 | 115 | 100,800 | 54x54 | 120 |
| 5-S or W-17 | 17,900 | 30x36 | 105 | 35,800 | 36x36 | 110 | 53,700 | 42x42 | 115 | 71,600 | 42x48 | 115 | 89,500 | 48x54 | 120 | 107,400 | 54x54 | 130 |

# ASSEMBLY of SECTIONS

## No. 1 Ideal Red Jacket Boiler

| STEAM | | WATER | |
|---|---|---|---|
| Number of Boiler | Assembly of Sections | Number of Boiler | Assembly of Sections |
| 1-S-4 | F-BX | 1-W-4 | F-BX |
| 1-S-5 | A-C-BX | 1-W-5 | A-C-BX |
| 1-S-6 | F-CX-BX | 1-W-6 | F-CX-BX. |
| 1-S-7 | A-CX-C-BX | 1-W-7 | A-CX-C-BX |
| 1-S-8 | F-CX-C-BX | 1-W-8 | F-CX-C-BX |
| 1-S-9 | A-C-CX-C-BX | 1-W-9 | A-C-CX-C-BX |

A = 4″ Front Section. C = Center Section. BX = Back Connecting Section.
F = 8″ Front Section. CX = Center Connecting Section.

## No. 2 Ideal Red Jacket Boiler

| STEAM | | WATER | |
|---|---|---|---|
| Number of Boiler | Assembly of Sections | Number of Boiler | Assembly of Sections |
| 2-S-5 | A-FCX-BX | 2-W-5 | A-FCX-BX |
| 2-S-6 | F-CX-BX | 2-W-6 | F-CX-BX |
| 2-S-7 | A-FCX-C-BX | 2-W-7 | A-FCX-C-BX |
| 2-S-8 | F-CX-C-BX | 2-W-8 | F-CX-C-BX |
| 2-S-9 | A-FCX-C-C-BX | 2-W-9 | A-FCX-C-C-BX |
| 2-S-10 | F-CX-C-C-BX | 2-W-10 | F-CX-C-C-BX |
| 2-S-11 | A-FCX-C-CX-C-BX | 2-W-11 | A-FCX-C-CX-C-BX |

## No. 2 Special Smokeless Boiler

| STEAM | | WATER | |
|---|---|---|---|
| Number of Boiler | Assembly of Sections | Number of Boiler | Assembly of Sections |
| 2-S-8-S | F-CX-Air SU-BX | 2-W-8-S | F-CX-Air SU-BX |
| 2-S-9-S | A-FC-CX-Air SU-BX | 2-W-9-S | A-FC-CX-Air SU-BX |
| 2-S-10-S | F-CX-C-Air SU-BX | 2-W-10-S | F-CX-C-Air SU-BX |
| 2-S-11-S | A-FCX-C-CX-Air SU-BX | 2-W-11-S | A-FCX-C-CX-Air SU-BX |
| 2-S-12-S | F-CX-C-Air SC-RCX-BX | 2-W-12-S | F-CX-C-Air SC-RCX-BX |
| 2-S-13-S | A-FC-CX-CX-Air SC-RCX-BX | 2-W-13-S | A-FC-CX-CX-Air SC-RCX-BX |

A = 5″ Front Section. Air SU = Auxiliary Air Section (with uptake).
F = 10″ Front Section. Air SC = Auxiliary Air Section (no uptake).
FCX = 10″ Front Center Connecting Section. RCX = 10″ Rear Center Uptake Connecting Section.
C = 10″ Center Section.
CX = 10″ Center Connecting Section. BX = 10″ Back Connecting Section.

# No. 3. Ideal Red Jacket Boiler

STEAM

| Number of Boiler | Assembly of Sections |
|---|---|
| 3-S-6 | F-FCX-C-C-RCX-B |
| 3-S-7 | F-FCX-C-CX-C-RCX-B |
| 3-S-8 | F-FCX-C-C-CX-RC-RCX-B |
| 3-S-9 | F-FCX-C-CX-C-CX-RC-RCX-B |
| 3-S-10 | F-FCX-C-CX-C-CX-C-RCX-RC-B |
| 3-S-11 | F-FCX-C-CX-C-C-CX-C-RC-RCX-B |
| 3-S-12 | F-FCX-C-C-CX-C-CX-C-RCX-RC-RCX-B |
| 3-S-13 | F-FCX-C-C-CX-C-C-CX-C-RCX-RC-RCX-B |

WATER

| Number of Boiler | Assembly of Sections |
|---|---|
| 3-W-6 | F-FCX-C-C RCX B |
| 3-W-7 | F-FCX-C-CX-C-RCX-B |
| 3-W-8 | F-FCX-C-C-CX-RC-RCX-B |
| 3-W-9 | F-FCX-C-CX-C-CX-RC-RCX-B |
| 3-W-10 | F-FCX-C-CX-C-CX-C-RCX-RC-B |
| 3-W-11 | F-FCX-C-CX-C-C-CX-C-RC-RCX-B |
| 3-W-12 | F-FCX-C-C-CX-C-CX-C-RCX-RC-RCX-B |
| 3-W-13 | F-FCX-C-C-CX-C-C-CX-C-RCX-RC-RCX-B |

# No. 3 Special Smokeless Boiler

STEAM

| Number of Boiler | Assembly of Sections |
|---|---|
| 3-S-8-S | F-FCX-C-C-FAX-RA-RCX-B |
| 3-S-9-S | F-FCX-C-CX-C-FAX-RA-RCX-B |
| 3-S-10-S | F-FCX-C-CX-C-FAX-RA-RCX-RC-B |
| 3-S-11-S | F-FCX-C-CX-C-C-FAX-RA-RC-RCX-B |
| 3-S-12-S | F-FCX-C-C-CX-C-FAX-RA-RCX-RC-RCX-B |
| 3-S-13-S | F-FCX-C-C-CX-C-C-FAX-RA-RCX-RC-RCX-B |
| 3-S-14-S | F-FCX-C-CX-C-CX-C-C-FAX-RA-RCX-RC-RCX-B |

WATER

| Number of Boiler | Assembly of Sections |
|---|---|
| 3-W-8-S | F-FCX-C-C-FAX-RA-RCX-B |
| 3-W-9-S | F-FCX-C-CX-C-FAX-RA-RCX-B |
| 3-W-10-S | F-FCX-C-CX-C-FAX-RA-RCX-RC-B |
| 3-W-11-S | F-FCX-C-CX-C-C-FAX-RA-RC-RCX-B |
| 3-W-12-S | F-FCX-C-C-CX-C-FAX-RA-RCX-RC-RCX-B |
| 3-W-13-S | F-FCX-C-C-CX-C-C-FAX-RA-RCX-RC-RCX-B |
| 3-W-14-S | F-FCX-C-CX-C-CX-C-C-FAX-RA-RCX-RC-RCX-B |

F = Front Section.
FCX = Front Center Connecting Section.
C = Center Section.
CX = Center Connecting Section.
FAX = Front Auxiliary Air Connecting Section.
RA = Rear Auxiliary Air Section.
RC = Rear Center Uptake Section.
RCX = Rear Center Uptake Connecting Section.
B = Back Section.

# No. 4 Ideal Red Jacket Boiler

STEAM

| Number of Boiler | Assembly of Sections |
|---|---|
| 4-S-7 | F-FCX-C-CX-RC-RCX-B |
| 4-S-8 | F-FCX-C-CX-C-RCX-RC-B |
| 4-S-9 | F-FCX-C-CX-C-RCX-RC-RCX-B |
| 4-S-10 | F-FCX-C-CX-C-CX-RC-RCX-RC-B |
| 4-S-11 | F-FCX-C-CX-C-CX-C-RCX-RC-RCX-B |
| 4-S-12 | F-FCX-C-CX-C-CX-C-CX-RC-RCX-RC-B |
| 4-S-13 | F-FCX-C-CX-C-CX-C-CX-C-RCX-RC-RCX-B |

WATER

| Number of Boiler | Assembly of Sections |
|---|---|
| 4-W-7 | F-FCX-C-CX-RC-RCX-B |
| 4-W-8 | F-FCX-C-CX-C-RCX-RC-B |
| 4-W-9 | F-FCX-C-CX-C-RCX-RC-RCX-B |
| 4-W-10 | F-FCX-C-CX-C-CX-RC-RCX-RC-B |
| 4-W-11 | F-FCX-C-CX-C-CX-C-RCX-RC-RCX-B |
| 4-W-12 | F-FCX-C-CX-C-CX-C-CX-RC-RCX-RC-B |
| 4-W-13 | F-FCX-C-CX-C-CX-C-CX-C-RCX-RC-RCX-B |

# No. 4 Special Smokeless Boiler

STEAM

| Number of Boiler | Assembly of Sections |
|---|---|
| 4-S-9-S | F-FCX-C-CX-C-FAX-RA-RCX-B |
| 4-S-10-S | F-FCX-C-CX-C-FAX-RA-RCX-RC-B |
| 4-S-11-S | F-FCX-C-CX-C-CX-FA-ARX-RC-RCX-B |
| 4-S-12-S | F-FCX-C-CX-C-CX-FA-ARX RC-RCX-RC-B |
| 4-S-13-S | F-FCX-C-CX-C-CX-C-FAX-RA-RCX-RC-RCX-B |
| 4-S-14-S | F-FCX-C-CX-C-CX-C-CX-FA-RAX-RC-RCX-RC B |

WATER

| Number of Boiler | Assembly of Sections |
|---|---|
| 4-W-9-S | F-FCX-C-CX-C-FAX-RA-RCX-B |
| 4-W-10-S | F-FCX-C-CX-C-FAX-RA-RCX-RC-B |
| 4-W-11-S | F-FCX-C-CX-C-CX-FA-RAX-RC-RCX-B |
| 4-W-12-S | F-FCX-C-CX-C-CX-FA-RAX-RC-RCX-RC-B |
| 4-W-13-S | F-FCX-C-CX-C-CX-C-FAX-RA-RCX-RC-RCX-B |
| 4-W-14-S | F-FCX-C-CX-C-CX-C-CX-FA-RAX-RC-RCX-RC-B |

F = Front Section.
FCX = Front Center Connecting Section.
C = Center Section.
CX = Center Connecting Section.
FA = Front Auxiliary Air Section.
FAX = Front Auxiliary Air Connecting Section.
RA = Rear Auxiliary Air Section.
RAX = Rear Auxiliary Air Connecting Section.
RC = Rear Center Section.
RCX = Rear Center Connecting Section.
B = Back Section.

# No. 5 Ideal Red Jacket Boiler

STEAM

| Number of Boiler | Assembly of Sections |
|---|---|
| 5-S-8 | F-FCX-C-C-CX-RC-RCX-B |
| 5-S-9 | F-FCX-C-CX-C-CX-RC-RCX-B |
| 5-S-10 | F-FCX-C-CX-C-C-CX-RC-RCX-B |
| 5-S-11 | F-FCX-C-CX-C-CX-C-CX-RC-RCX-B |
| 5-S-12 | F-FCX-C-CX-C-CX-C-CX-BW-RCX-RC-B |
| 5-S-13 | F-FCX-C-CX-C-C-CX-C-CX-BW-RC-RCX-B |
| 5-S-14 | F-FCX-C-CX-C-CX-C-C-CX-BW-RCX-RC-RCX-B |
| 5-S-15 | F-FCX-C-CX C-C-CX-C-CX-C-BW-RCX RC-RCX-B |
| 5-S-16 | F-FCX-C-CX-C-CX C-CX-C-CX-BW-RCX-RC-RCX-RC-B |
| 5-S-17 | F-FCX-C-CX-C-C-CX-C-CX-C-BW-RCX-RC-RCX-RC-RCX-B |

WATER

| Number of Boiler | Assembly of Sections |
|---|---|
| 5-W-8 | F-FCX-C-C-CX-RC-RCX-B |
| 5-W-9 | F-FCX-C-CX-C-CX-RC-RCX-B |
| 5-W-10 | F-FCX-C-CX-C-C-CX-RC-RCX-B |
| 5-W-11 | F-FCX-C-CX-C-CX-C-CX-RC-RCX-B |
| 5-W-12 | F-FCX-C-CX-C-CX-C-CX-BW-RCX-RC-B |
| 5-W-13 | F-FCX-C-CX-C-C-CX-C-CX-BW-RC-RCX-B |
| 5-W-14 | F-FCX-C-CX-C-CX-C-C-CX-BW-RCX-RC-RCX-B |
| 5-W-15 | F-FCX-C-CX-C-C-CX-C-CX-C-BW-RCX-RC-RCX-B |
| 5-W-16 | F-FCX-C-CX-C-CX-C-CX-C-CX-BW-RCX-RC-RCX-RC-B |
| 5-W-17 | F-FCX-C-CX-C-C-CX-C-CX-C-BW-RCX-RC-RCX-RC-RCX-B |

# No. 5 Special Smokeless Boiler

STEAM

| Number of Boiler | Assembly of Sections |
|---|---|
| 5-S-9-S | F-FCX-C-CX-C-FAX-RU-RCX-B |
| 5-S-10-S | F-FCX-C-CX-C-FA-RUX-RC-RCX-B |
| 5-S-11-S | F-FCX-C-CX-C-CX-FA-RUX-RC-RCX-B |
| 5 S-12-S | F-FCX-C-CX-C-FAX-RA-CX-BW-RCX-RC-B |
| 5-S-13-S | F-FCX-C-CX-C-FA-RAX-C-CX-BW-RC-RCX-B |
| 5-S-14-S | F-FCX-C-CX-C-CX-FA-RA-CX-BW-RCX-RC-RCX-B |
| 5-S-15-S | F-FCX-C-CX-C-C-FAX-RA-CX-C-BW-RCX-RC-RCX-B |
| 5-S-16-S | F-FCX-C-CX-C-CX-FA-RAX-C-CX-BW-RCX-RC-RCX-RC-B |
| 5-S-17-S | F-FCX-C-CX-C-C-FAX-RA-CX-C BW-RCX-RC-RCX-RC-RCX-B |

WATER

| Number of Boiler | Assembly of Sections |
|---|---|
| 5-W-9-S | F-FCX-C-CX-C-FAX-RU-RCX-B |
| 5-W-10-S | F-FCX-C-CX-C-FA-RUX-RC-RCX-B |
| 5-W-11-S | F-FCX-C-CX-C-CX-FA-RUX-RC-RCX-B |
| 5-W-12-S | F-FCX-C-CX-C-FAX-RA-CX-BW-RCX-RC-B |
| 5-W-13-S | F-FCX-C-CX-C-FA-RAX-C-CX-BW-RC-RCX-B |
| 5-W-14-S | F-FCX-C-CX-C-CX-FA-RA-CX-BW-RCX-RC-RCX-B |
| 5-W-15-S | F-FCX-C-CX-C-C-FAX-RA-CX-C-BW-RCX-RC-RCX-B |
| 5-W-16-S | F-FCX-C-CX-C-CX-FA-RAX-C-CX-BW-RCX-RC-RCX-RC-B |
| 5-W-17-S | F-FCX-C-CX-C-C-FAX-RA-CX-C-BW-RCX-RC-RCX-RC-RCX-B |

F = Front Section
FCX = Front Center Connecting Section.
C = Center Section.
CX = Center Connecting Section.
FA = Front Auxiliary Air Section.
FAX = Front Auxiliary Air Connecting Section.
RA = Rear Auxiliary Air Section.
RAX = Rear Auxiliary Air Connecting Section.
RU = Rear Auxiliary Air Uptake Section.
RUX = Rear Auxiliary Air Uptake Connecting Section.
BW = Bridgewall Section.
RC = Rear Center Section.
RCX = Rear Center Connecting Section.
B = Back Section.

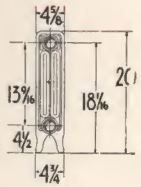
# "AMERICAN" CORTO

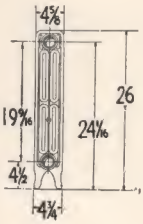
*THE RADIATOR CLASSIC*

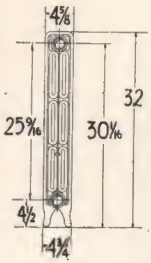
IN order to meet the requirements of our patrons in the trade, and the demands of the public, the Corto was adopted as the standard "American" Radiator. At an enormous expense our factories were equipped with the most modern machinery to produce the Corto in volume so that it could be offered in every size at popular prices. The Corto is now available in a complete line of sizes, three, four, five, six, and seven tube designs.

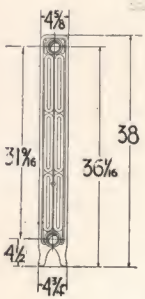
# "American" Corto Radiators

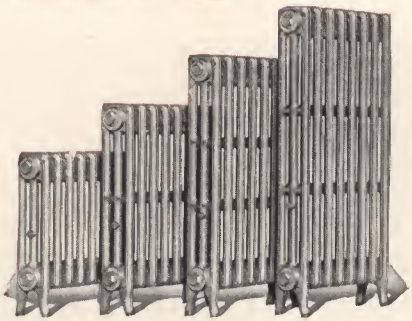
## *Three-Tube*



*WIDTH 4⅝ INCHES—CENTERS 2½ INCHES*

| Number of Sections | * Length 2½-in. Per Section | HEATING SURFACE—SQUARE FEET Based upon Engineering Standard of 240 B. t. u. emission per Sq. Ft. per Hr. | | | |
|---|---|---|---|---|---|
| | | 20-inch Height 1¾ Sq. Ft. Per Section | 26-inch Height 2⅓ Sq. Ft. Per Section | 32-inch Height 3 Sq. Ft. Per Section | 38-inch Height 3½ Sq. Ft. Per Section |
| 2 | 5 | 3½ | 4⅔ | 6 | 7 |
| 3 | 7½ | 5¼ | 7 | 9 | 10½ |
| 4 | 10 | 7 | 9⅓ | 12 | 14 |
| 5 | 12½ | 8¾ | 11⅔ | 15 | 17½ |
| 6 | 15 | 10½ | 14 | 18 | 21 |
| 7 | 17½ | 12¼ | 16⅓ | 21 | 24½ |
| 8 | 20 | 14 | 18⅔ | 24 | 28 |
| 9 | 22½ | 15¾ | 21 | 27 | 31½ |
| 10 | 25 | 17½ | 23⅓ | 30 | 35 |
| 11 | 27½ | 19¼ | 25⅔ | 33 | 38½ |
| 12 | 30 | 21 | 28 | 36 | 42 |
| 13 | 32½ | 22¾ | 30⅓ | 39 | 45½ |
| 14 | 35 | 24½ | 32⅔ | 42 | 49 |
| 15 | 37½ | 26¼ | 35 | 45 | 52½ |
| 16 | 40 | 28 | 37⅓ | 48 | 56 |
| 17 | 42½ | 29¾ | 39⅔ | 51 | 59½ |
| 18 | 45 | 31½ | 42 | 54 | 63 |
| 19 | 47½ | 33¼ | 44⅓ | 57 | 66½ |
| 20 | 50 | 35 | 46⅔ | 60 | 70 |
| 21 | 52½ | 36¾ | 49 | 63 | 73½ |
| 22 | 55 | 38½ | 51⅓ | 66 | 77 |
| 23 | 57½ | 40¼ | 53⅔ | 69 | 80½ |
| 24 | 60 | 42 | 56 | 72 | 84 |
| 25 | 62½ | 43¾ | 58⅓ | 75 | 87½ |
| 26 | 65 | 45½ | 60⅔ | 78 | 91 |
| 27 | 67½ | 47¼ | 63 | 81 | 94½ |
| 28 | 70 | 49 | 65⅓ | 84 | 98 |
| 29 | 72½ | 50¾ | 67⅔ | 87 | 101½ |
| 30 | 75 | 52½ | 70 | 90 | 105 |

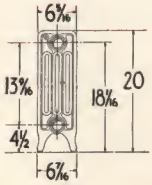
TAPPINGS—1¼" top and bottom. Bushed for steam or water as per specifications.

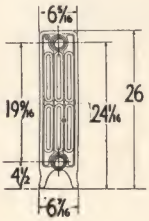
CONNECTIONS—Both steam and water—extra heavy 1¼" right and left threaded nipples at top and bottom.

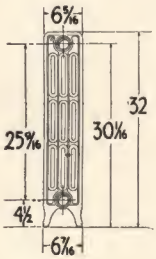
*Add ½" to length for each bushing.

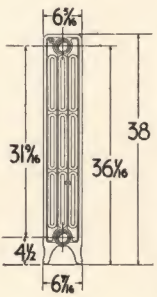
# "American" Corto Radiators

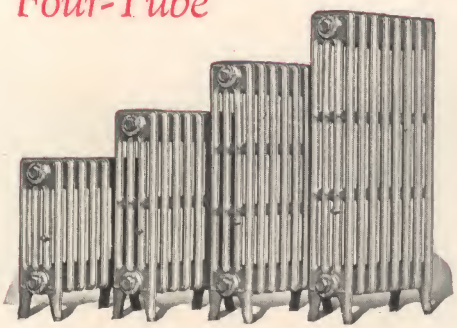
## *Four-Tube*



*WIDTH 6 5/16 INCHES—CENTERS 2 1/2 INCHES*

| Number of Sections | * Length 2 1/2-in. Per Section | HEATING SURFACE—SQUARE FEET Based upon Engineering Standard of 240 B. t. u. emission per Sq. Ft. per Hr. | | | |
|---|---|---|---|---|---|
| | | 20-inch Height 2 1/4 Sq. Ft. Per Section | 26-inch Height 2 3/4 Sq. Ft. Per Section | 32-inch Height 3 1/2 Sq. Ft. Per Section | 38-inch Height 4 1/4 Sq. Ft. Per Section |
| 2 | 5 | 4 1/2 | 5 1/2 | 7 | 8 1/2 |
| 3 | 7 1/2 | 6 3/4 | 8 1/4 | 10 1/2 | 12 3/4 |
| 4 | 10 | 9 | 11 | 14 | 17 |
| 5 | 12 1/2 | 11 1/4 | 13 3/4 | 17 1/2 | 21 1/4 |
| 6 | 15 | 13 1/2 | 16 1/2 | 21 | 25 1/2 |
| 7 | 17 1/2 | 15 3/4 | 19 1/4 | 24 1/2 | 29 3/4 |
| 8 | 20 | 18 | 22 | 28 | 34 |
| 9 | 22 1/2 | 20 1/4 | 24 3/4 | 31 1/2 | 38 1/4 |
| 10 | 25 | 22 1/2 | 27 1/2 | 35 | 42 1/2 |
| 11 | 27 1/2 | 24 3/4 | 30 1/4 | 38 1/2 | 46 3/4 |
| 12 | 30 | 27 | 33 | 42 | 51 |
| 13 | 32 1/2 | 29 1/4 | 35 3/4 | 45 1/2 | 55 1/4 |
| 14 | 35 | 31 1/2 | 38 1/2 | 49 | 59 1/2 |
| 15 | 37 1/2 | 33 3/4 | 41 1/4 | 52 1/2 | 63 3/4 |
| 16 | 40 | 36 | 44 | 56 | 68 |
| 17 | 42 1/2 | 38 1/4 | 46 3/4 | 59 1/2 | 72 1/4 |
| 18 | 45 | 40 1/2 | 49 1/2 | 63 | 76 1/2 |
| 19 | 47 1/2 | 42 3/4 | 52 1/4 | 66 1/2 | 80 3/4 |
| 20 | 50 | 45 | 55 | 70 | 85 |
| 21 | 52 1/2 | 47 1/4 | 57 3/4 | 73 1/2 | 89 1/4 |
| 22 | 55 | 49 1/2 | 60 1/2 | 77 | 93 1/2 |
| 23 | 57 1/2 | 51 3/4 | 63 1/4 | 80 1/2 | 97 3/4 |
| 24 | 60 | 54 | 66 | 84 | 102 |
| 25 | 62 1/2 | 56 1/4 | 68 3/4 | 87 1/2 | 106 1/4 |
| 26 | 65 | 58 1/2 | 71 1/2 | 91 | 110 1/2 |
| 27 | 67 1/2 | 60 3/4 | 74 1/4 | 94 1/2 | 114 3/4 |
| 28 | 70 | 63 | 77 | 98 | 119 |
| 29 | 72 1/2 | 65 1/4 | 79 3/4 | 101 1/2 | 123 1/4 |
| 30 | 75 | 67 1/2 | 82 1/2 | 105 | 127 1/2 |

TAPPINGS—1 1/4" top and bottom. Bushed for steam or water as per specifications.

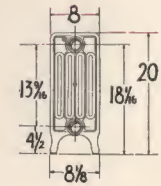
CONNECTIONS—Both steam and water—extra heavy 1 1/4" right and left threaded nipples at top and bottom.

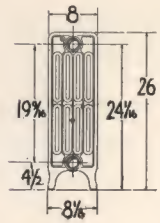
*Add 1/2" to length for each bushing.

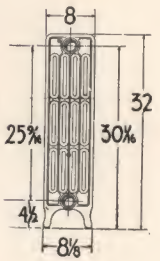
# "American" Corto Radiators

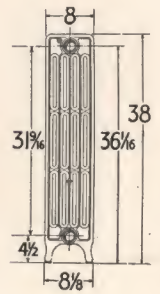
## *Five-Tube*

*WIDTH 8 INCHES—CENTERS 2½ INCHES*




| Number of Sections | * Length 2½-in. Per Section | HEATING SURFACE—SQUARE FEET Based upon Engineering Standard of 240 B. t. u. emission per Sq. Ft. per Hr. | | | |
|---|---|---|---|---|---|
| | | 20-inch Height 2⅔ Sq. Ft. Per Section | 26-inch Height 3½ Sq. Ft. Per Section | 32-inch Height 4⅓ Sq. Ft. Per Section | 38-inch Height 5 Sq. Ft. Per Section |
| 2 | 5 | 5⅓ | 7 | 8⅔ | 10 |
| 3 | 7½ | 8 | 10½ | 13 | 15 |
| 4 | 10 | 10⅔ | 14 | 17⅓ | 20 |
| 5 | 12½ | 13⅓ | 17½ | 21⅔ | 25 |
| 6 | 15 | 16 | 21 | 26 | 30 |
| 7 | 17½ | 18⅔ | 24½ | 30⅓ | 35 |
| 8 | 20 | 21⅓ | 28 | 34⅔ | 40 |
| 9 | 22½ | 24 | 31½ | 39 | 45 |
| 10 | 25 | 26⅔ | 35 | 43⅓ | 50 |
| 11 | 27½ | 29⅓ | 38½ | 47⅔ | 55 |
| 12 | 30 | 32 | 42 | 52 | 60 |
| 13 | 32½ | 34⅔ | 45½ | 56⅓ | 65 |
| 14 | 35 | 37⅓ | 49 | 60⅔ | 70 |
| 15 | 37½ | 40 | 52½ | 65 | 75 |
| 16 | 40 | 42⅔ | 56 | 69⅓ | 80 |
| 17 | 42½ | 45⅓ | 59½ | 73⅔ | 85 |
| 18 | 45 | 48 | 63 | 78 | 90 |
| 19 | 47½ | 50⅔ | 66½ | 82⅓ | 95 |
| 20 | 50 | 53⅓ | 70 | 86⅔ | 100 |
| 21 | 52½ | 56 | 73½ | 91 | 105 |
| 22 | 55 | 58⅔ | 77 | 95⅓ | 110 |
| 23 | 57½ | 61⅓ | 80½ | 99⅔ | 115 |
| 24 | 60 | 64 | 84 | 104 | 120 |
| 25 | 62½ | 66⅔ | 87½ | 108⅓ | 125 |
| 26 | 65 | 69⅓ | 91 | 112⅔ | 130 |
| 27 | 67½ | 72 | 94½ | 117 | 135 |
| 28 | 70 | 74⅔ | 98 | 121⅓ | 140 |
| 29 | 72½ | 77⅓ | 101½ | 125⅔ | 145 |
| 30 | 75 | 80 | 105 | 130 | 150 |

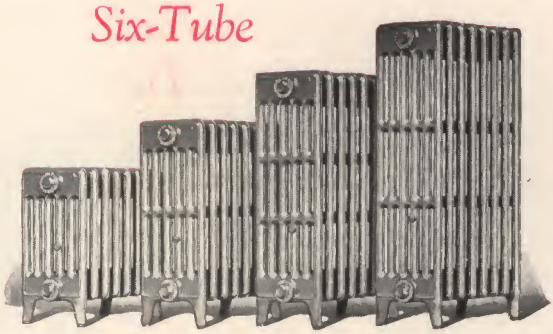
TAPPINGS—1¼" top and bottom. Bushed for steam or water as per specifications.

CONNECTIONS—Both steam and water—extra heavy 1¼" right and left threaded nipples at top and bottom

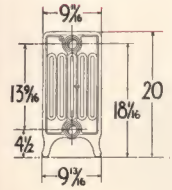
*Add ½" to length for each bushing.

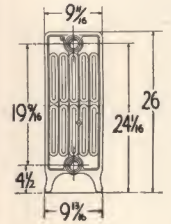
# "American" Corto Radiators

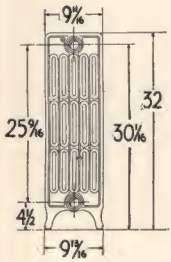
## *Six-Tube*

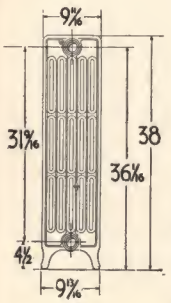


*WIDTH 9 11/16 INCHES—CENTERS 2½ INCHES*




| Number of Sections | * Length 2½-in. Per Section | HEATING SURFACE—SQUARE FEET Based upon Engineering Standard of 240 B. t. u. emission per Sq. Ft. per Hr. | | | |
|---|---|---|---|---|---|
| | | 20-inch Height 3 Sq. Ft. Per Section | 26-inch Height 4 Sq. Ft. Per Section | 32-inch Height 5 Sq. Ft. Per Section | 38-inch Height 6 Sq. Ft. Per Section |
| 2 | 5 | 6 | 8 | 10 | 12 |
| 3 | 7½ | 9 | 12 | 15 | 18 |
| 4 | 10 | 12 | 16 | 20 | 24 |
| 5 | 12½ | 15 | 20 | 25 | 30 |
| 6 | 15 | 18 | 24 | 30 | 36 |
| 7 | 17½ | 21 | 28 | 35 | 42 |
| 8 | 20 | 24 | 32 | 40 | 48 |
| 9 | 22½ | 27 | 36 | 45 | 54 |
| 10 | 25 | 30 | 40 | 50 | 60 |
| 11 | 27½ | 33 | 44 | 55 | 66 |
| 12 | 30 | 36 | 48 | 60 | 72 |
| 13 | 32½ | 39 | 52 | 65 | 78 |
| 14 | 35 | 42 | 56 | 70 | 84 |
| 15 | 37½ | 45 | 60 | 75 | 90 |
| 16 | 40 | 48 | 64 | 80 | 96 |
| 17 | 42½ | 51 | 68 | 85 | 102 |
| 18 | 45 | 54 | 72 | 90 | 108 |
| 19 | 47½ | 57 | 76 | 95 | 114 |
| 20 | 50 | 60 | 80 | 100 | 120 |
| 21 | 52½ | 63 | 84 | 105 | 126 |
| 22 | 55 | 66 | 88 | 110 | 132 |
| 23 | 57½ | 69 | 92 | 115 | 138 |
| 24 | 60 | 72 | 96 | 120 | 144 |
| 25 | 62½ | 75 | 100 | 125 | 150 |
| 26 | 65 | 78 | 104 | 130 | 156 |
| 27 | 67½ | 81 | 108 | 135 | 162 |
| 28 | 70 | 84 | 112 | 140 | 168 |
| 29 | 72½ | 87 | 116 | 145 | 174 |
| 30 | 75 | 90 | 120 | 150 | 180 |

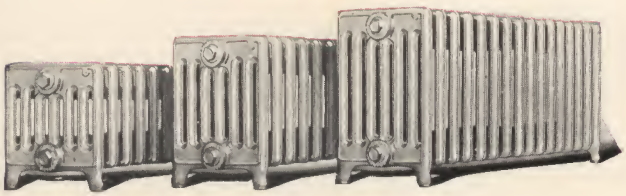
TAPPINGS—1½" top and bottom. Bushed for steam or water as per specifications.

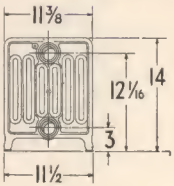
CONNECTIONS—Both steam and water—extra heavy 1½" right and left threaded nipples at top and bottom.

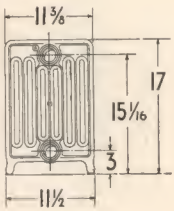
*Add ½" to length for each bushing.

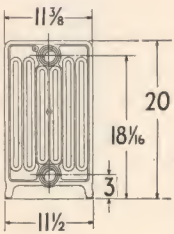
# "American" Corto Window Radiators

## *Seven-Tube*






*WIDTH 11⅜ INCHES—CENTERS 2½ INCHES*

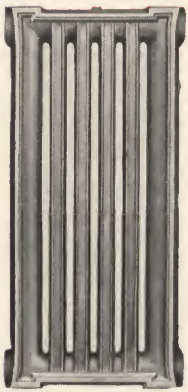
| Number of Sections | Length 2½ in. Per Section* | HEATING SURFACE—SQUARE FEET Based upon Engineering Standard of 240 B. t. u. emission per Sq. Ft. per Hr. | | |
|---|---|---|---|---|
| | | 14-inch Height 2½ Sq. Ft. Per Section | 17-inch Height 3 Sq. Ft. Per Section | 20-inch Height 3⅓ Sq. Ft. Per Section |
| 2 | 5 | 5 | 6 | 7⅓ |
| 3 | 7½ | 7½ | 9 | 11 |
| 4 | 10 | 10 | 12 | 14⅔ |
| 5 | 12½ | 12½ | 15 | 18⅓ |
| 6 | 15 | 15 | 18 | 22 |
| 7 | 17½ | 17½ | 21 | 25⅔ |
| 8 | 20 | 20 | 24 | 29⅓ |
| 9 | 22½ | 22½ | 27 | 33 |
| 10 | 25 | 25 | 30 | 36⅔ |
| 11 | 27½ | 27½ | 33 | 40⅓ |
| 12 | 30 | 30 | 36 | 44 |
| 13 | 32½ | 32½ | 39 | 47⅔ |
| 14 | 35 | 35 | 42 | 51⅓ |
| 15 | 37½ | 37½ | 45 | 55 |
| 16 | 40 | 40 | 48 | 58⅔ |
| 17 | 42½ | 42½ | 51 | 62⅓ |
| 18 | 45 | 45 | 54 | 66 |
| 19 | 47½ | 47½ | 57 | 69⅔ |
| 20 | 50 | 50 | 60 | 73⅓ |
| 21 | 52½ | 52½ | 63 | 77 |
| 22 | 55 | 55 | 66 | 80⅔ |
| 23 | 57½ | 57½ | 69 | 84⅓ |
| 24 | 60 | 60 | 72 | 88 |
| 25 | 62½ | 62½ | 75 | 91⅔ |
| 26 | 65 | 65 | 78 | 95⅓ |
| 27 | 67½ | 67½ | 81 | 99 |
| 28 | 70 | 70 | 84 | 102⅔ |
| 29 | 72½ | 72½ | 87 | 106⅓ |
| 30 | 75 | 75 | 90 | 110 |

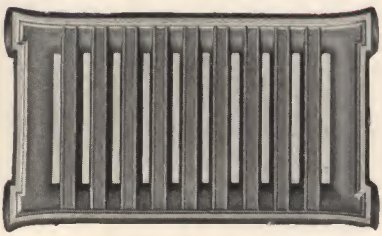
TAPPINGS—1¼" top and bottom. Bushed for steam or water as per specifications.

CONNECTIONS—Both steam and water—extra heavy 1½" right and left threaded nipples at top and bottom.

*Add ½" to length for each bushing.

# AMERICAN PEERLESS WALL RADIATORS





WHEREVER conditions demand maximum heating results from radiators confined in a limited space, as in factory work shops, loft buildings, storehouses, garages, lobbies, corridors, stairways, bath rooms, etc., etc., American Peerless Wall Radiators will render especially desirable service.

These radiators are made up of sections in a wide variety of sizes, with provisions for numerous groupings; and may therefore be assembled to meet any structural condition, fitting into restricted spaces of practically any size or shape, under windows or between them, on walls, ceilings or in skylights.

## RATING AND MEASUREMENT OF SECTIONS

| Number of Sections | Height Inches | Length or Width Inches | Thickness Inches | Thickness (with bracket) Inches | Heating Surface Sq. Ft. |
|---|---|---|---|---|---|
| 5-A | 13 5/16 | 16 5/8 | 2 7/8 | 3 1/2 | 5 |
| 7-A | 13 5/16 | 21 7/8 | 2 7/8 | 3 1/2 | 7 |
| 7-B | 21 7/8 | 13 5/16 | 3 1/16 | 3 11/16 | 7 |
| 9-A | 13 5/16 | 29 1/16 | 2 7/8 | 3 1/2 | 9 |
| 9-B | 29 1/16 | 13 5/16 | 3 1/16 | 3 11/16 | 9 |

# IDEAL ARCOLA HEATER

*For Homes and Other Buildings with or without Cellar*


PATENTED

WITH one automobile to every sixth person in America; with the yearly sales of radio outfits exceeding, in dollar volume, the total yearly sales of all boilers and radiators manufactured in this country; with the astounding volume of business done yearly on musical instruments, washing machines, vacuum cleaners, refrigerators and a host of other near-luxuries—with this stupendous rise in the standard of living that has taken place during the past few years, surely radiator heat, universally acknowledged as the best, must soon come into its own.

The famous Ideal Arcola Heater affords radiator warmth to homes *with or without* cellar at extremely low cost. Unique in the whole field of heating equipment, it offers to heating merchants an unusual opportunity for increased business.

RATINGS

| Number of Boiler | Number of Sections | Rating Square Feet | Fuel Capacity Pounds | Length Inches | Radiating Surface of Arcola and Exp. Tank Sq. Ft. |
|---|---|---|---|---|---|
| No. 4H | 4 | 200 | 60 | 12 | 45 |
| No. 5H | 5 | 300 | 80 | 15 | 50 |
| No. 6H | 6 | 400 | 100 | 18 | 55 |
| No. 7H | 7 | 500 | 120 | 21 | 60 |
| No. 8H | 8 | 600 | 140 | 24 | 65 |
| No. 9H | 9 | 700 | 160 | 27 | 70 |

Oval smoke pipe connection will take 6 in. diameter smoke pipe. Flow pipe tapping, 2–2in. Return pipe tapping, 2–in. Pat'd January 18, 1921. December 4, 1923.

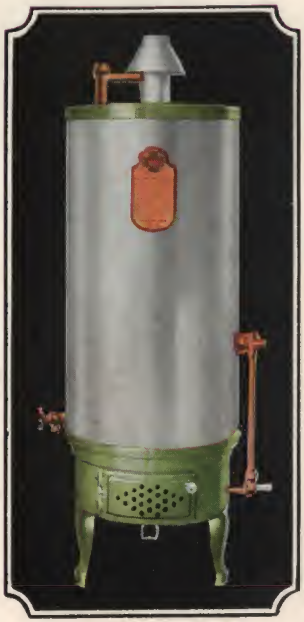
# NEW IDEAL "HOTCOIL" GAS WATER HEATER

## *with Porcelain Enamel Top and Base*

HERE is the lowest priced, completely equipped, automatic storage heater on the market. It gives abundant hot water, day and night, on the turn of a faucet.

The new Ideal Gas Water Heater functions with the highest degree of operating efficiency attainable for practical service.

With green porcelain enamel top and base, in combination with the pearl-grey jacket, the beauty of this heater is virtually everlasting. It is a product any housewife would be happy to possess and show to her friends.



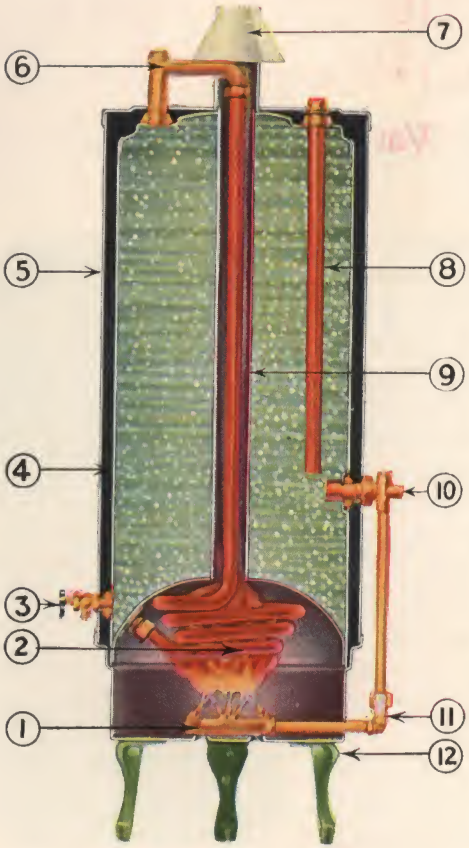
PATENTS PENDING

The development of this heater is a revelation of what sincere, relentless, scientific investigation can accomplish. It unites "flash" heating with the automatic storage factor, embodying the advantages of all other types of water heaters. Yet the unparalleled low prices of the Ideal Gas Water Heater bring it within the reach of any home owner. Here is another milestone in the rising standard of living comfort.

*Approved by American Gas Association and Good Housekeeping Institute*

MADE IN THREE SIZES: 20 GAL., 30 GAL., 40 GAL.

## SPECIFICATIONS




1 Bunsen type gas burner with self pilot.

2 Large bore heavy gauge, one-piece copper coil heating element, insuring immediate hot water recovery.

3 Conveniently located brass drain cock.

4 Substantial heavy gauge tank, galvanized inside and outside.

5 Non-destructible metal jacket with beautiful pearl grey baked enamel finish.

6 Special brass hot water flow-fitting.

7 Porcelain enamel Back Draft Diverter Hood.

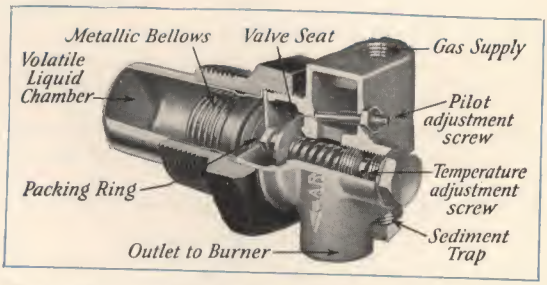
8 Non-syphon acting cold water intake, with outflow over thermostat, insuring instantaneous automatic action.

9 Central water-surrounded flue containing copper coil heating element.

10 New Arco metallic bellows, quick-acting automatic regulator.

11 Main Gas Supply Control Valve.

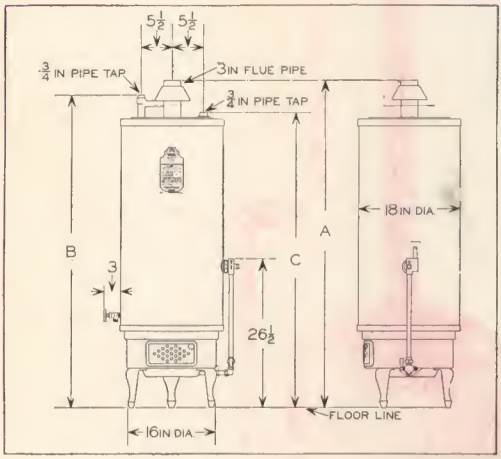
12 Substantial base and legs with porcelain enamel finish.




Close-up Sectional View of the New Arco Gas Thermostat

# MEASUREMENTS and DATA

## Ideal "Hotcoil"
## Gas Water Heater




### SPECIFICATIONS

| Number | Nominal Capacity Gallons | Gas Connection Ins. | Cold Water Inlet Ins. | Hot Water Outlet Ins. | Flue Connection Ins. | Gas Consumption of Burner Cubic Ft. Per Hr. | | | Dimensions Inches | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Manufactured Gas 550 BTU | Mixed Gas 750 BTU | Natural Gas 1100 BTU | "A" | "B" | "C" |
| G-20 | 20 | ⅜ | ¾ | ¾ | 3 | 36.4 | 26.7 | 18.2 | 47 | 44½ | 41 |
| G-30 | 30 | ⅜ | ¾ | ¾ | 3 | 45.5 | 33.3 | 22.7 | 58 | 55½ | 52 |
| G-40 | 40 | ⅜ | ¾ | ¾ | 3 | 54.5 | 40.0 | 27.3 | 70 | 67¼ | 64 |

# NEW IDEAL COAL-BURNING WATER HEATER

## *with Porcelain Enamel Top and Base*

PATENTS PENDING

Our experience of the past year and a half has clearly demonstrated the persistent and widespread demand for a popular-priced, coal-burning, automatic storage unit—particularly in the larger sizes. To serve the needs of this enormous market, including not only homes but restaurants, beauty parlors, barber shops and stores of every kind, the Ideal Coal Water Heater is ideally suited.

### SPECIFICATIONS

1. **The only self-contained coal-burning, automatic storage heater manufactured**
2. **For a few cents a day, gives constant hot water supply at every faucet**
3. **Fully equipped with automatic regulation**
4. **Of everlasting beauty—firepot, base and top piece finished in green porcelain enamel; jacket in pearl grey japan.**
5. **Extremely low-priced—within the practical buying reach of every prospect.**

MADE IN FOUR SIZES: 30 GAL., 40 GAL., 60 GAL., 80 GAL.

# ABUNDANT HOT WATER

## *For a Few Cents a Day*

The firepot is made of cast iron with a one-inch non-heat-conducting refractory lining. So effective is this lining that under ordinary operating conditions the temperature of the smooth, enameled and non-water-backed exterior of the firepot is no higher than the temperature of the water in the tank—indicating the high operating efficiency of the Heater.

The fact that the firebox is protected by a one-inch non-heat-conducting refractory lining, not only contributes to the efficiency of the Heater, but it also provides for a very quick pick-up capacity. For the lining retains the heat of the fire, and after a shaking-down and the addition of more fuel, the new charge of coal quickly ignites. The radiant heat of the glowing coals plays directly on the broad bottomed, water-backed surface of the tank, and the heated water rises, extracting increasing amounts of heat from the gases in the central flue.

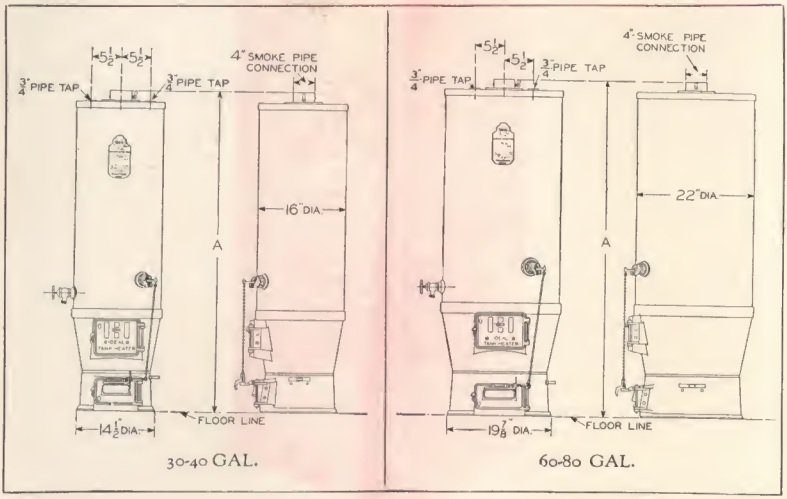
PATENTS PENDING

### LONG FIRING PERIODS

Of course, the frequency with which a coal-burning Heater of any type must be fired depends upon the amount of hot water that is drawn. The larger this amount is, naturally, the greater the amount of coal that must be burned. The Ideal Water Heater has been designed with deep firepot especially to provide for long firing periods. Hard or soft coal may be used.

# MEASUREMENTS and DATA

## Ideal Coal-Burning Water Heater




### SPECIFICATIONS

| Number | Nominal Capacity Gallons | Fuel Capacity Lbs. | Cold Water Inlet Ins. | Hot Water Outlet Ins. | Smoke Pipe Connection Ins. | Dimension "A" Ins. |
|---|---|---|---|---|---|---|
| 30 | 30 | 41 | ¾ | ¾ | 4 | 60 |
| 40 | 40 | 41 | ¾ | ¾ | 4 | 72¾ |
| 60 | 60 | 108 | ¾ | ¾ | 4 | 64¼ |
| 80 | 80 | 108 | ¾ | ¾ | 4 | 77 |

# IDEAL VECTO HEATER

*Lowest Priced Home Heater on the Market*

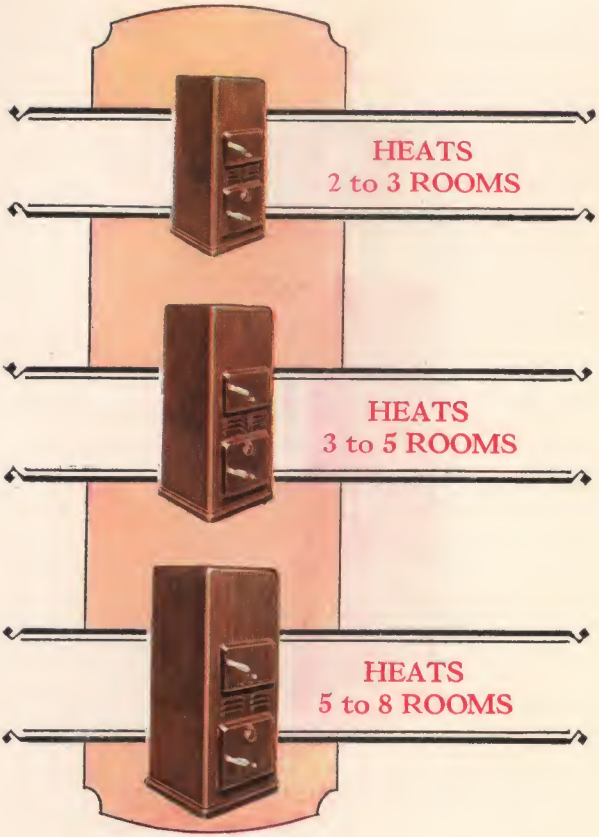
*HEATS 2 to 8 ROOMS*

PATENTS PENDING

## *Next Best to Radiator Heat and Within the Reach of Everyone*

IT is not the slightest exaggeration to say that no product ever offered to the members of the heating industry has presented so vast an immediate sales market, and so great an opportunity for additional business and earnings as the Ideal Vecto Heater. Of America's 24,000,000 homes, almost 17,000,000 are still equipped with inefficient, out-of-date heaters. The Vecto is ideally suited to the requirements of the majority of these homes.

# NOW IN 3 SIZES



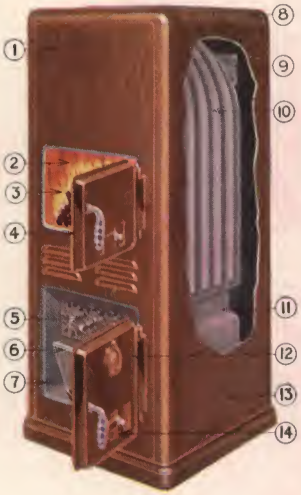

VECTO warmth is the nearest approach to radiator warmth that has been attained without the actual use of radiators; and the Vecto owner of today, realizing the great advantage of this Heater as compared with his old discarded one, will be the prospect of tomorrow for radiator warmth.

The demand for the Vecto Heater in smaller sizes has been so emphatic and persistent that we have added two new sizes, heating, respectively, two to three rooms, and three to five

rooms, as indicated. There is hardly a home, store, office or other small building now equipped with an old fashioned heater, that cannot be served with a Vecto. The addition of the new sizes presents a wonderful opportunity for members of the heating industry to render more and better service and enjoy the fruits of steadily increasing earnings.

WALNUT GRAINED ∽ COMPLETELY ASSEMBLED

The finish on each Vecto is a beautiful Walnut grained porcelain enamel. Each heater is shipped completely equipped with high-grade fire brick lining, and completely assembled with jacket, ready for installation, which can be accomplished in a few minutes.




## SPECIFICATIONS

1. Beauty of design and finish harmonizes with interior.
2. Large combustion chamber for easy firing.
3. Fire brick lining insures permanent heating efficiency.
4. Contact faces of doors and fittings ground smooth.
5. Reinforced trussed grating.
6. Snugly-fitting ashpan.
7. Porcelain enameled, walnut grained finished cover, permanently beautiful.
8. Top grill, through which warm air rises.
9. Enameled flue elbow.
10. Extensive heating surface.
11. Seamless construction, gas-tight and dust proof.
12. Shaker-hole cover plate allows shaking of fire while door is closed.
13. Base grill through which air is drawn to be heated.
14. Nickel-plated handles.

# AMERICAN RADIATOR COMPANY

40 WEST 40th STREET, NEW YORK

## *List of Branch Offices and Showrooms*

| | |
|---|---|
| ATLANTA, GA. | 232 Peachtree Street |
| BALTIMORE, MD. | 1308 Lexington Bldg. |
| BOSTON, MASS. | 129-131 Federal Street |
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| CHICAGO, ILL. | 816-820 South Michigan Ave. |
| CINCINNATI, OHIO | 710 Gwynne Building |
| CLEVELAND, OHIO | 1294 East 55th Street |
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| DETROIT, MICH. | 1344 Broadway |
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| NEW YORK, N. Y. | 40 West 40th Street |
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| ST. LOUIS, MO. | 4201 Duncan Avenue |
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| SAN FRANCISCO, CAL. | N. W. Cor. 4th & Townsend Sts. |
| SEATTLE, WASH. | Holgate and Utah Streets |
| WASHINGTON, D. C. | Fourth and Channing Sts., N. E. |

*Samples of all the New Products illustrated in this book are on display at the above mentioned branches and at all first-class Heating Merchants' Stores.*

FORM 5001-1-28

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